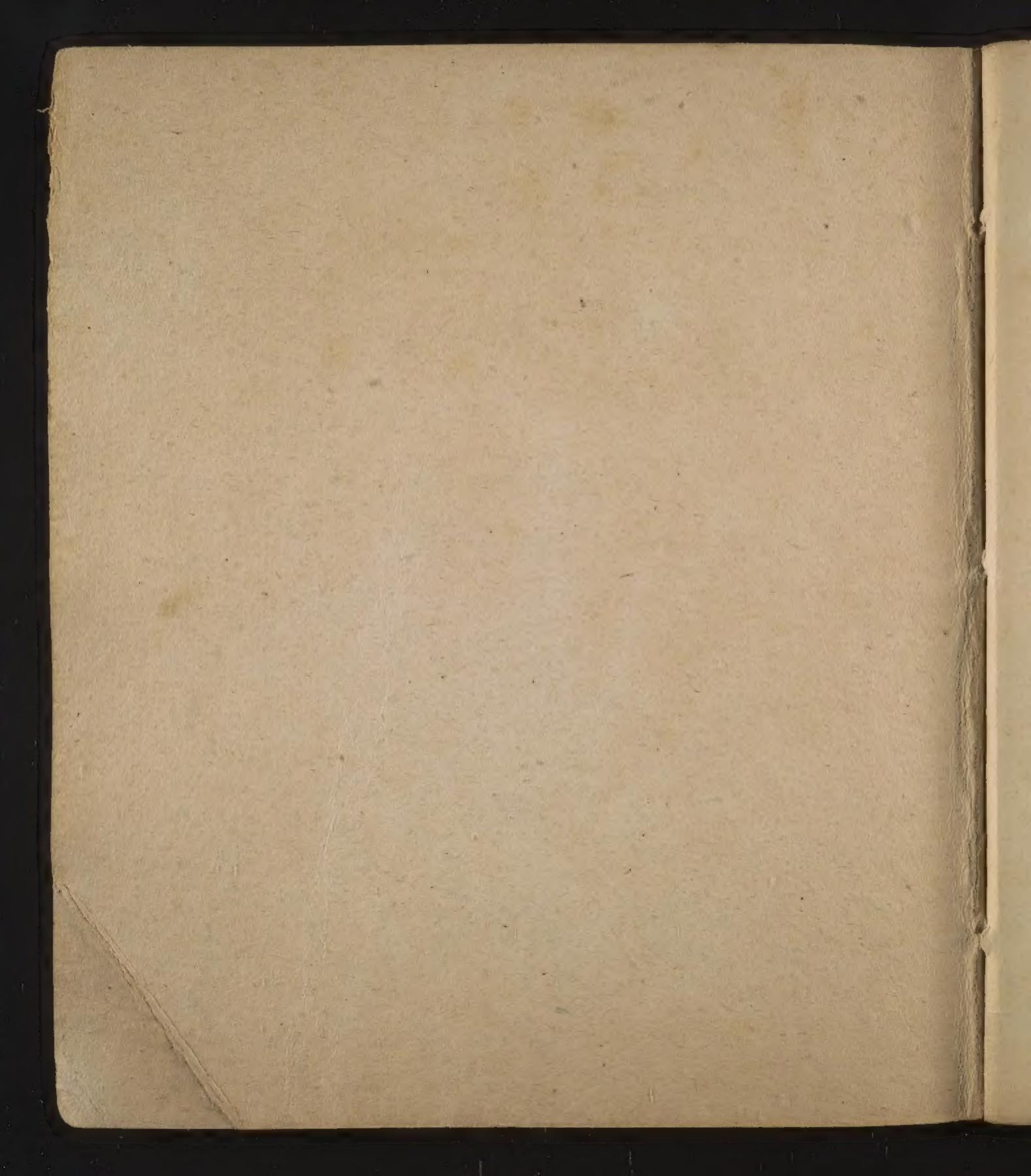
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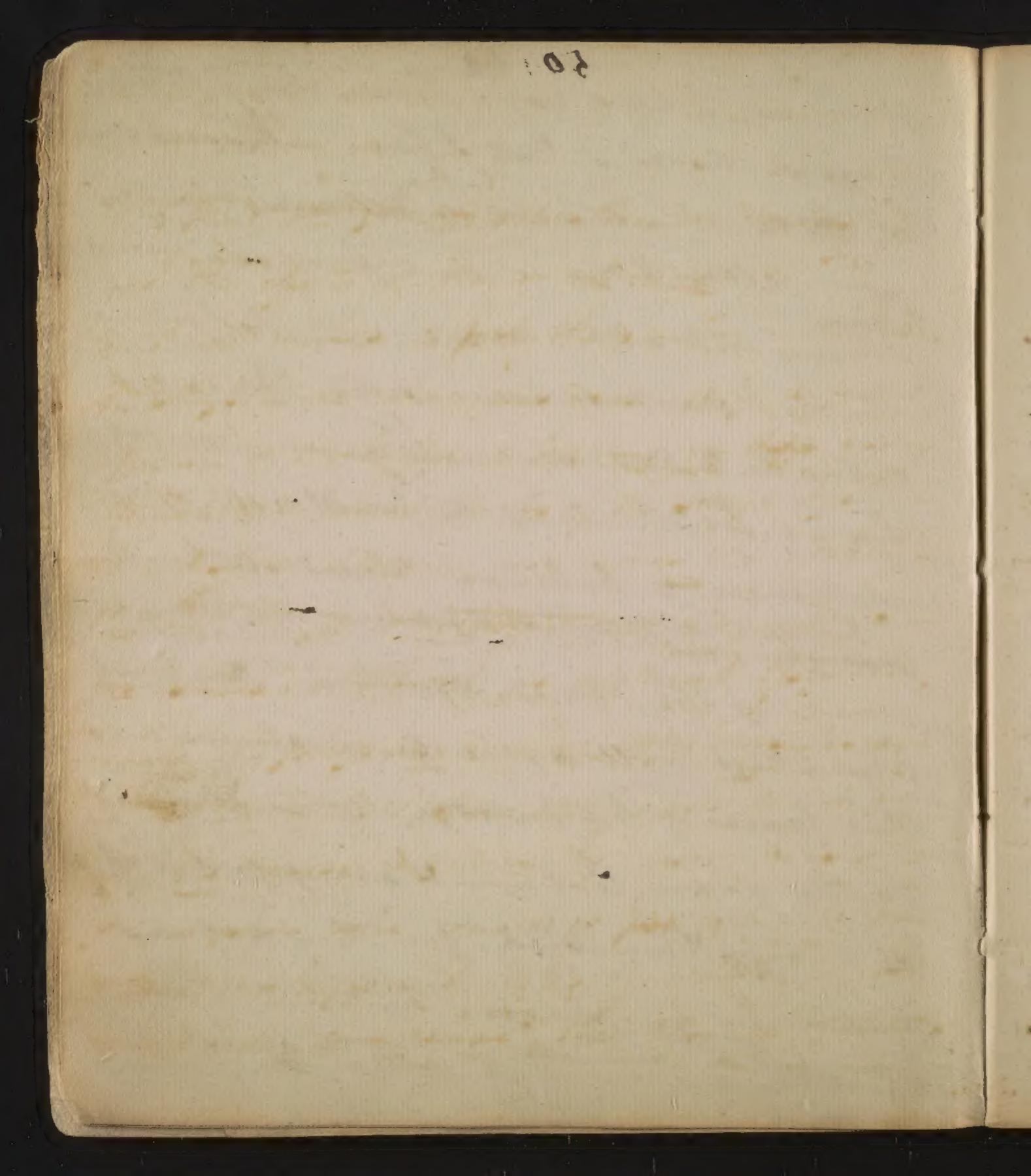


of Local Diseases of the black Color of the Africans. of the proximate cause 525 of Death

Vyot hup within the limits of the domainion formerly apigned to them. 3 The Diseases of the Stormach & bowels bøten inchange hitmations. 4 The affections of the Shin particularly Jones - and tetters of all hims are all appear in different lessons in diff! parts of the body - -5 the mist of the discuss of the glands are disposed frequently to change this places, more experially Droposies. The discuss of the two last bysterns which I have described, home afford no instances of metastasis Inch as have bun mentioned. with this we finish the general

nech. break hugs write a bough - stoice a week stomach a longh - and in one kidney has in one instance produced frain only in the Other.

discrus. I have done little more than said mand them. But I have delivered wis to open a new field of Houveton to general this the midium of the hysterns which I have emenerated, the more definite & previse will your ideas of them. And wowen to find out new relationships between them withersteen for between different hysterno, on remote parts of the same System. One quat advantage will siese from energing Othis Species of humbrige it will lead to the more certain & muspful lese of many Remedies - for they set as certainly on Specific hystems, as those Lystems act on each other. I Imm n



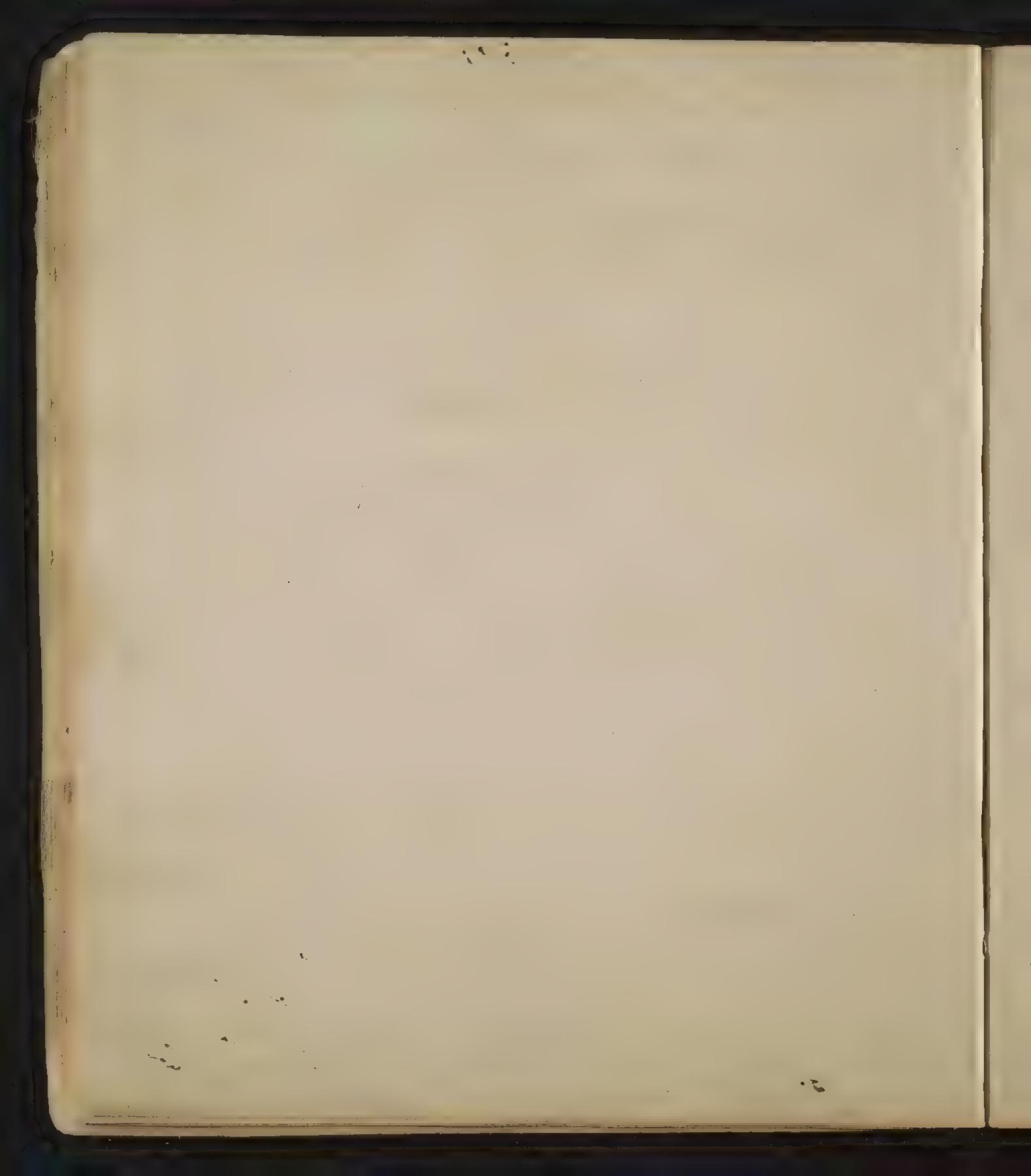
reveire of what has been said of youral viscours - I presume us one will now theleading the truth of the following from: - 2itions. Athet of Our pathology. I Shat debitity is the universally prodis: - posing cause of all general chiseases. a That visign energes or morbid exist the bility is the universal effect when recent) of del previous debility. 3 That irregular action - or in other words a want of trous in mations is as to force time by place, institutes the proscionate course of all the general diseases of the Autient & instable parts of the body. 4 That the great Junet of medicine, and the fint consists in the knowledge

V 5 That the pultiplication of diseases with are the effects of one or at most, of two original conses is poly their in misiume. The polysician who considers every different affection of the Different Tystems, or diffe every affection of different parts of the same hystern, as a district discuse, resumbles the Indian, on the new negro who considers water - Dens -Jee-Inon - and frost as distinct epences, an exited partof bottom only; and derived from only one cause, viz: Debility, sevenbles the Philosopher who considers fix Dew - water from only as I frost as different flates of water, and all derived from one cause; the absence of Heat. Having finished gen discases, I should

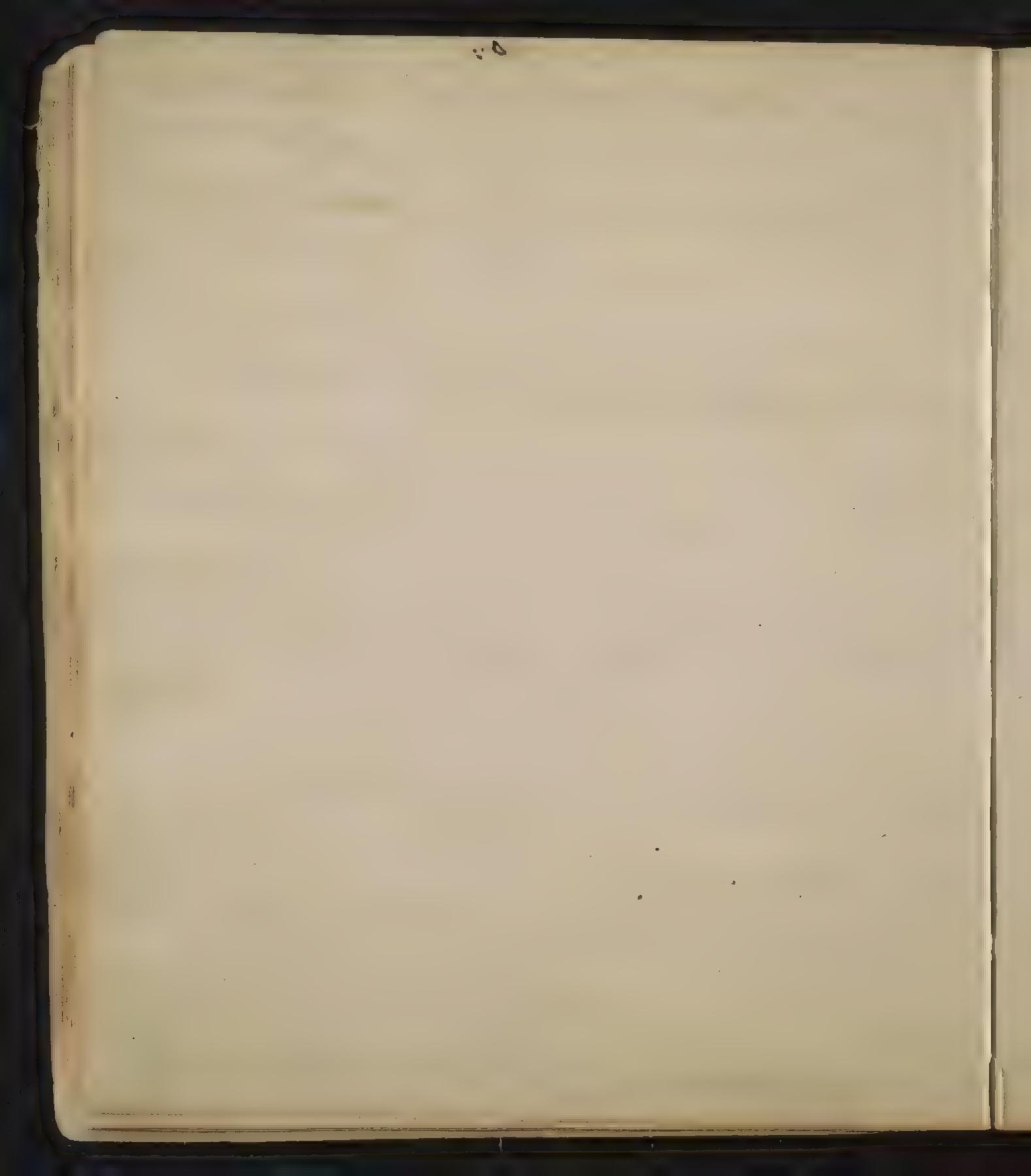
of the forth affected - of the force, or degrees Afterwards in the exact accommodulion of asserted & int free force of that remedy, to that action the degrees of morbid action. he come now to spenh of the francis of partial or local disof a Physician The first thing which thinks the eye in contemplating the horman eggs bridge, is the variety to lotor Observable among The different hatisms we inhabit our globe. This warity must be the offet of Disease, for there can be no doubt but the whole human such must have been derived from brefseir, de

proceed to treat of their general consequences bis: disorvers. Tray general consequences, for there may be disorder in a part which has not Even preceded by Disease or morbid cacitement. There is bihewise fugurantly a mistaine of disease I disorder in the same bant as inflam? & Supposentation or chirows in the trues how Inostid excitement & inflame. Dokhamorshage, The unal Consequence of morbid existencent de circulation de discase one i hope or effection of red gloublus into somme vepels - 2 framorishafe 3 8 ffersion Astagnation of Semme - congulable - and red Blood-frist ends in resolution 2.043 in Typpus attoir - all 3 in congestion like gangrene 4 gangrene - or lop of power of enritting life from great force of action in any part. These renterales - Jehrni - Toifi cation be calcarions waters - Drypeical wellings - Lances foreign many of them are not preceded by mosterd retion.

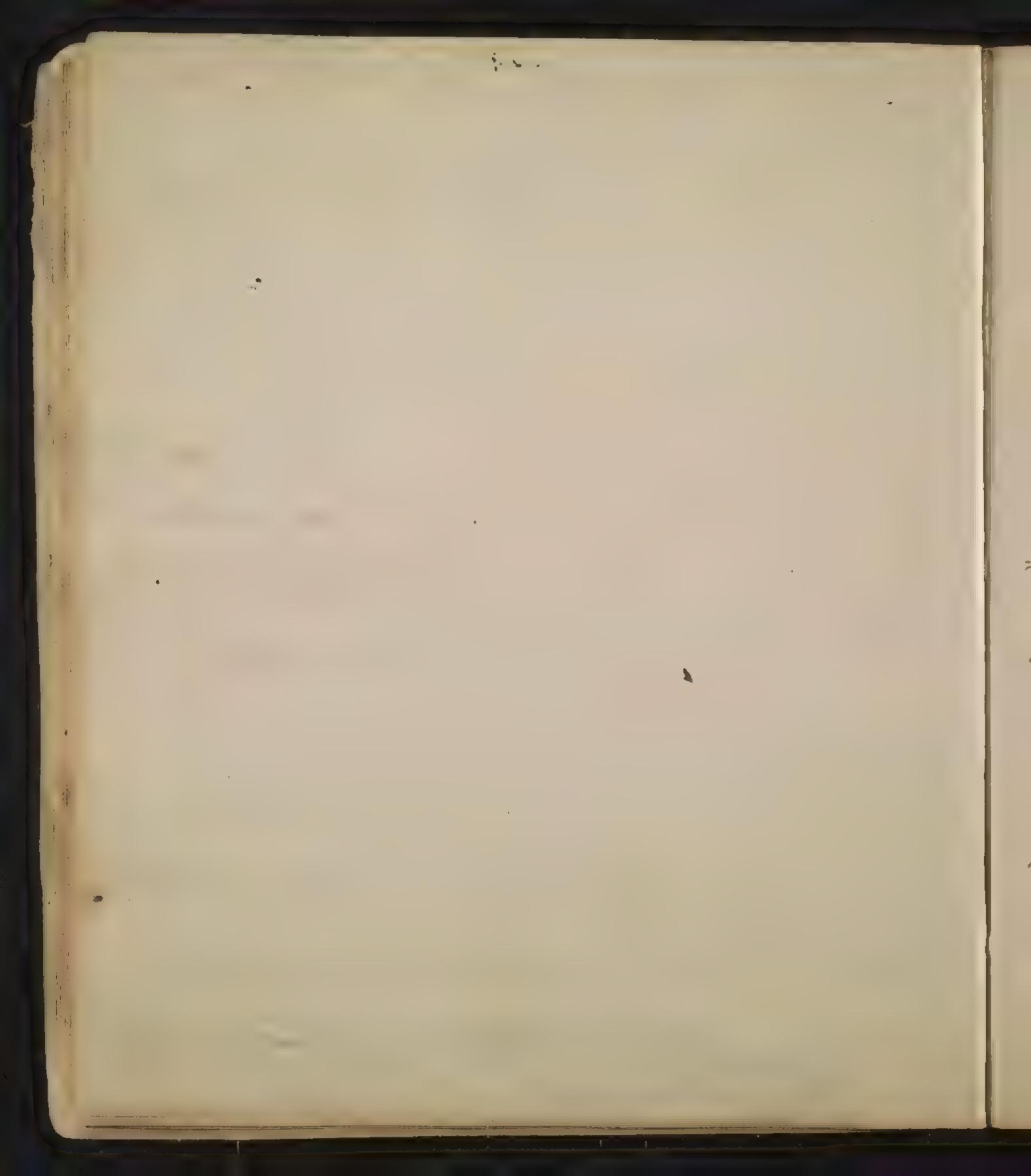
This pair must of course been only of one of those loves. _ The original Other it has been Impoposed was the it Involved by awidental cirumotanees to be mointiamed hour afterno which are July immerated by Drinkth in bis henned Hinganions epay upon this Subject. The Hour principal Emuses of the Variety of loter and Jeature in the human body mentioned by Dynisth. ans 1 Climate - 2 Diet - 3 State of friety, and 4 Disease. I fully adopt the Dis consonings upon the Johnsical influences the Shire and could of them on the Shire and face, and will all further that the in



favor of that worth, that it has who also appeared to me to be one of the most aute and Inofound whays that but I have our met with your a medical Signet. Perhaps it is the letter from the Driver of my theories of midicione, Jame One of which purhups might have misted him from the truck wi londueted inin with sommely turely Whonor to the end of his inquisies. Ingensions as this work is - it has And Subject of the Color & features of The human ruce - Altho it has laid a solid foundation for its done by Mins. Josephe. If the lever de



color & fentines be produced by the Connes which have been mentioned, it has been ashed why the not those this appear no som as the above carroes have wand to operate. This is refus from laving the Case that a negro retains his loton for Centry After being reserved from the heat of the fun from unwholsome that from age doniety and bilines dis which have been Impound to be most instrumental in moduling his din black lotor. - To this bunkethere exception for a small physician - a considerable Shade of the black loton always dis--uppears wooder the blowned thoungs of



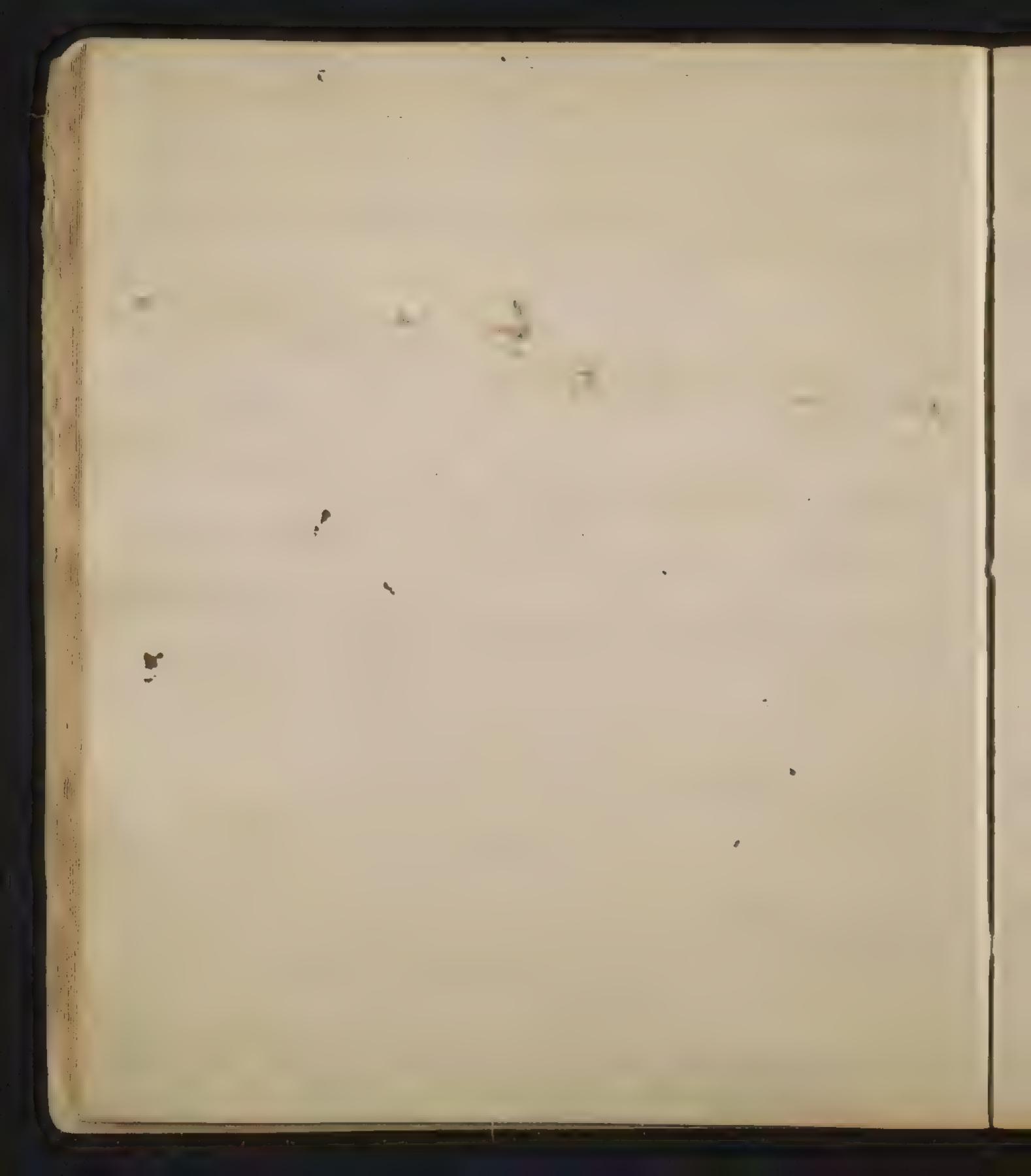
Consessantances in two or three Generations and the features seldom fail of becoming regular in the 3 year ation under the about Change of transtances. To account their for the drivation of a metamatural lobor in the fair after The comous which indues it cease touppe = : rate, I rud touthy remind your of a Sart mentioned formerly, I that is the smalthis of the later of the in an the most transmissible to prostunity of any bunking of the long, and the linet bible to be . Afferted by time or external car: - motance.

V as well as in the flate of hosticulture - agriculture - britaing, by clouthing, by which we the great forevers of marsh. I how am miasmata were dried up.

But the dup black loter was the big life and the flat work - and the worly hund of the argue require a specific thery to explain them. I shall store one is hich I hope will be satisfactory. I framesty took motrice of the influence of Dit, and In unes the State of Society in moducing diseases of the faire, and ascribed the decay of Eliphantianis. Valgorosy to the change in the dist, and employments of manhind by the miral of letters & the thange in the 1/2 & 15 Centricio à During the provolence of unwholsome dit - dan age manner

of morbid a kinn of an effective of translation of and the thin desposition of blech bile to the rete mucosum, for the bile of it is well known dometimes imports a black colon to the blass, and also to the whole thin in Hos. a disease which is known by the name of the black faundice: " now this

I bilions discusses unong a propole who inhabited hot country, it is easy to conceive that a discuss many have been induced represent the frien which be call the depressed, and when come estasis formerly hinter at, produced in a few jamilies might have yours on a few part of the Alobe. To this Lymny - I asmike The Edwar of the negroes. my reasons The history is a companied the history is a companied in some vir-= starres, a bluch Colon to the the in . of This I have lostely met with a most vater factory forong in Driving prevent of the diocenses of Asturia



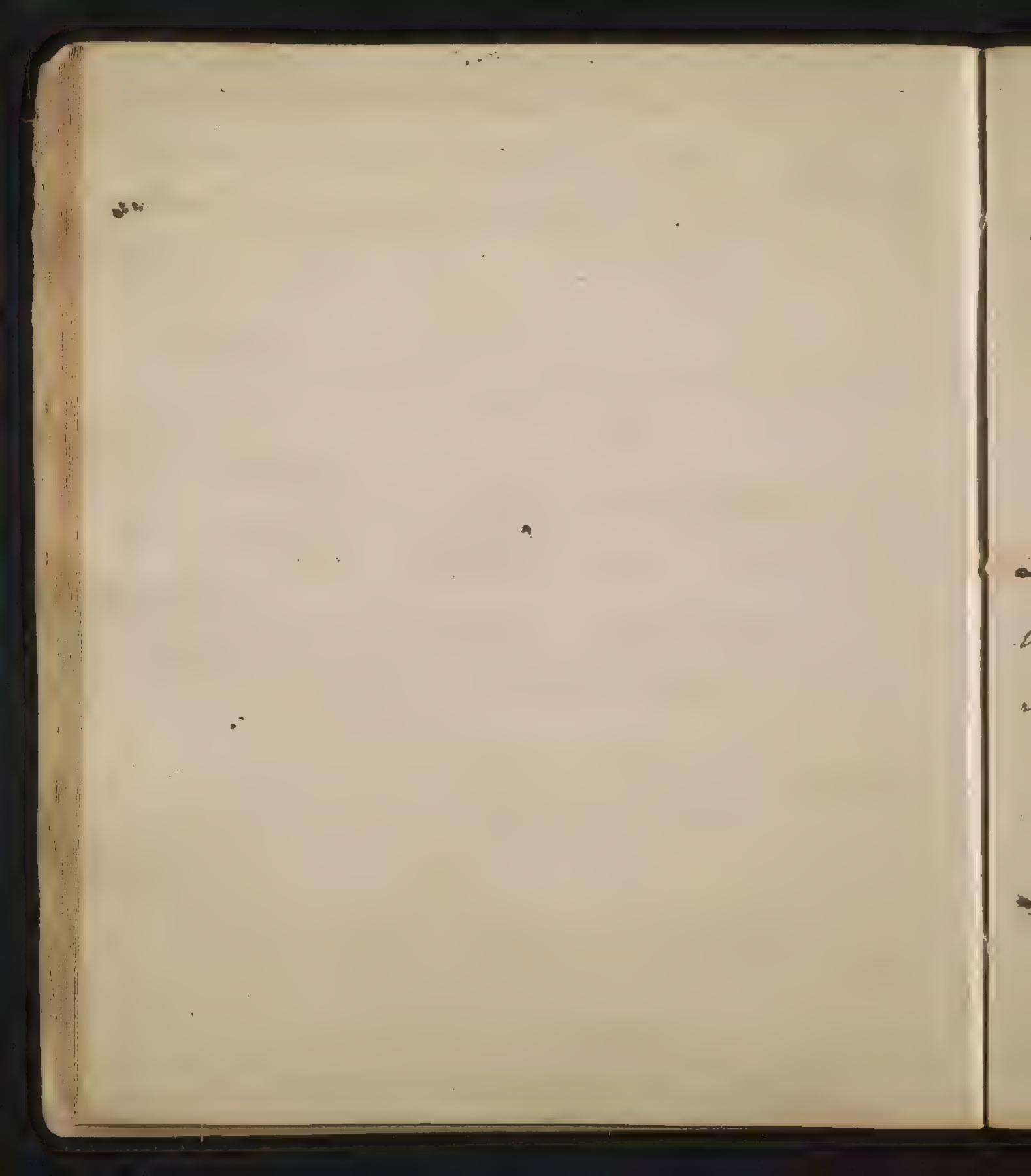
in Spain. I shall give for a translation of his own loveds upon Stris heljut. There are says he alme 20 hospitats fordysent in this fromine - and I have Observed nix prinis of the disorder. The 2 offrenies is called the black Albaras of the Arabians. The Shir burner black - thick - It grainey. There are hirther protules - norterbushes, nor Jeales nor any thing out of the liney on throhur. The body is not in the lenot una ciatro - The breathing is a little difficult, le the Country and has some firemels in it. They whele Justically a puntian Wioaguable mell, which I can compare to nothing

V This fruit amentioned by Dr Theiry com tringing in the hative african to this day. 7 my Hankins to her water of the africe that they posses the seatures of the meyor. myso. my Hankins has ilescribed them in the following loveds. "Their harrow p: 116 - ulso 117-118. - This artles Immelies does not stop here - the idea of its being a dissan, and its Specifie vanture did not excupe hime - hence, he adds, whiteways and in whiteways of the Skin is com. grundtims. Our u, Panama where it is I respective that their money frequently occurs thronger equally great in the hympstoms advenity of many other diseases. The same state of mulignment inliens from is Often morted by black and white floods - by opposite

but the smell-of a montified limb! 2 This Theologorosig is described in the Nby amount writing a preternant Old testament as imparting a preternan : treat whiteness to the shin . This white : met is demetimes in Spots, & again it thus mushed have been called alberras. + De the bayers in bring frank of the banks 1) It sometimes up pears marged with black Voter while there phenomenal Spots. a prieture of a negro in Virginia mentione Therebes with in his white of white oblack Lastahen place has been huppily preserved by of a regre with white of mets on his This the topoly induces a morbid insunsi-= bishty in how here. for Countries where the diseases in temperate prevails it is

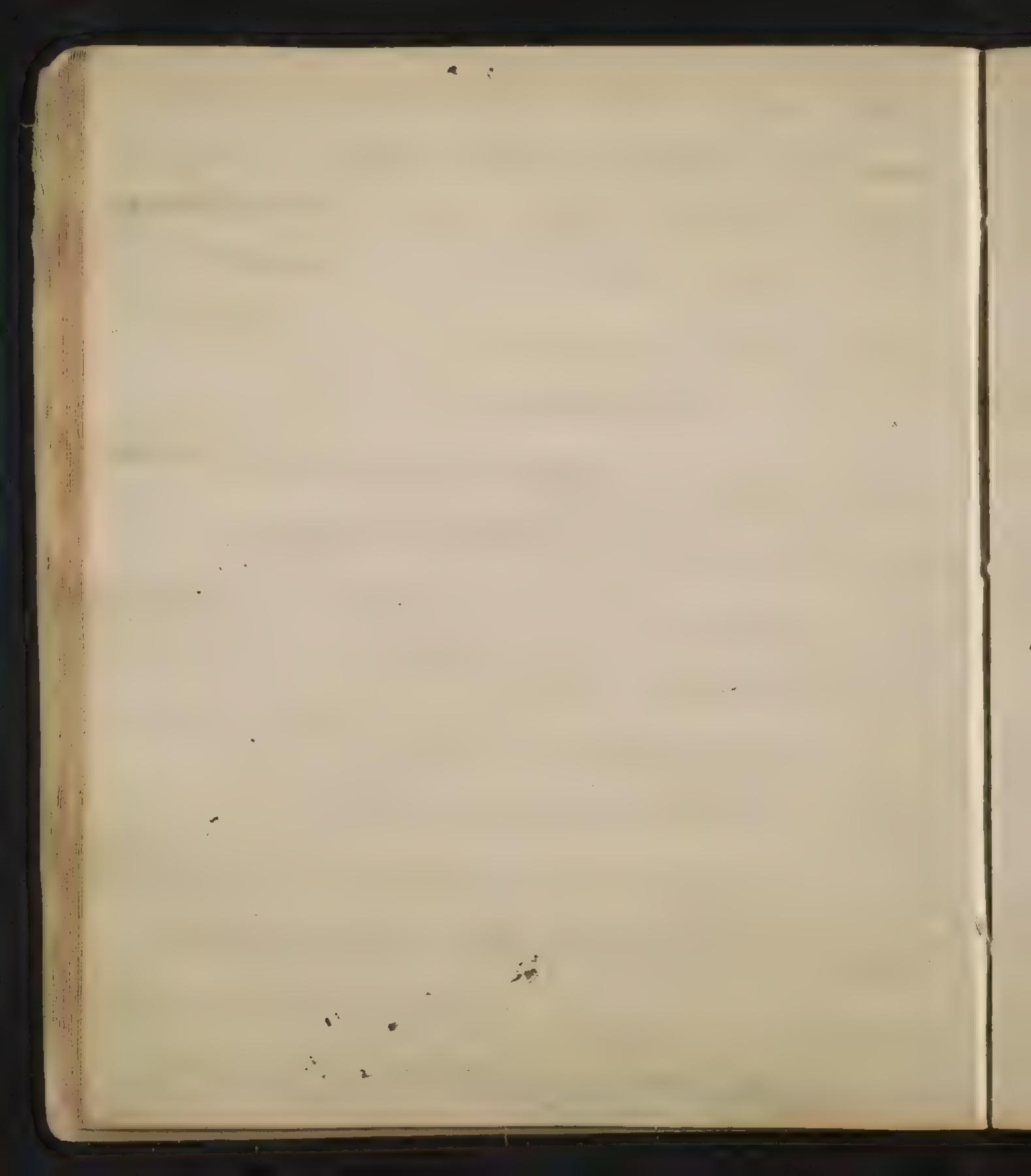
temperature of the fline, & by opposite flates of the alimentary Canal. black The original connection of this color of the negroes with Lynory is susquited by the following fact extracted from mor Bougan villes Voyage de

common to say miss that a formon durid of himility has no more Juling their ralper. I formerly men troned a jact from De Invely If the withfluence in which begrows Internit to operations in Lingen, in the west prisis. hum in this Country The megroes have been thomas to handle fire without an unstion, and wint suffering from it like white purple. Helpers are remarkable for having Strong benerial dioces thiories. This is Ihir frietfulness when they are not diprepad by Slavery. hur Manery



does not subdree the apportile, for we fafter devlobe days yount in hard labor in a hot fun in the worthhing we are too the argross will often with with with fine or six wills to got high a runneal apignation.

5 The his hip H flat work belong to the by all Anthons. I have been them in the Pennoylv: hospital. 6 The horoly manthe the myrows cannot lu auventer for form Climate - Prit State of So viety, or bilions discussed for were all those for lances where Combined have not produced them in the natives of line or fouther



and inhabit entirlas fatilitas line to the megso. In Here my proofs of himiliate of the Lipsony hympstoms of Lymny, and of the puntionities in the negro brody Smil rue-but there is but fact in the his tory of the Lynny that may throw some light upon it. The Tricho: smu or phica probonica so common yyptom branchy in Poland in a was affices of Lepnony. It affected the hair only, in a penaliar anannen. Somme Etrio fact it would seem that the Lymny has found its way to the covering of the hard in nymes the variety of its effects on throwin, it is probable it may hour produced a hartings hard in

Straffecto before it appears
on in a family in madrisa.

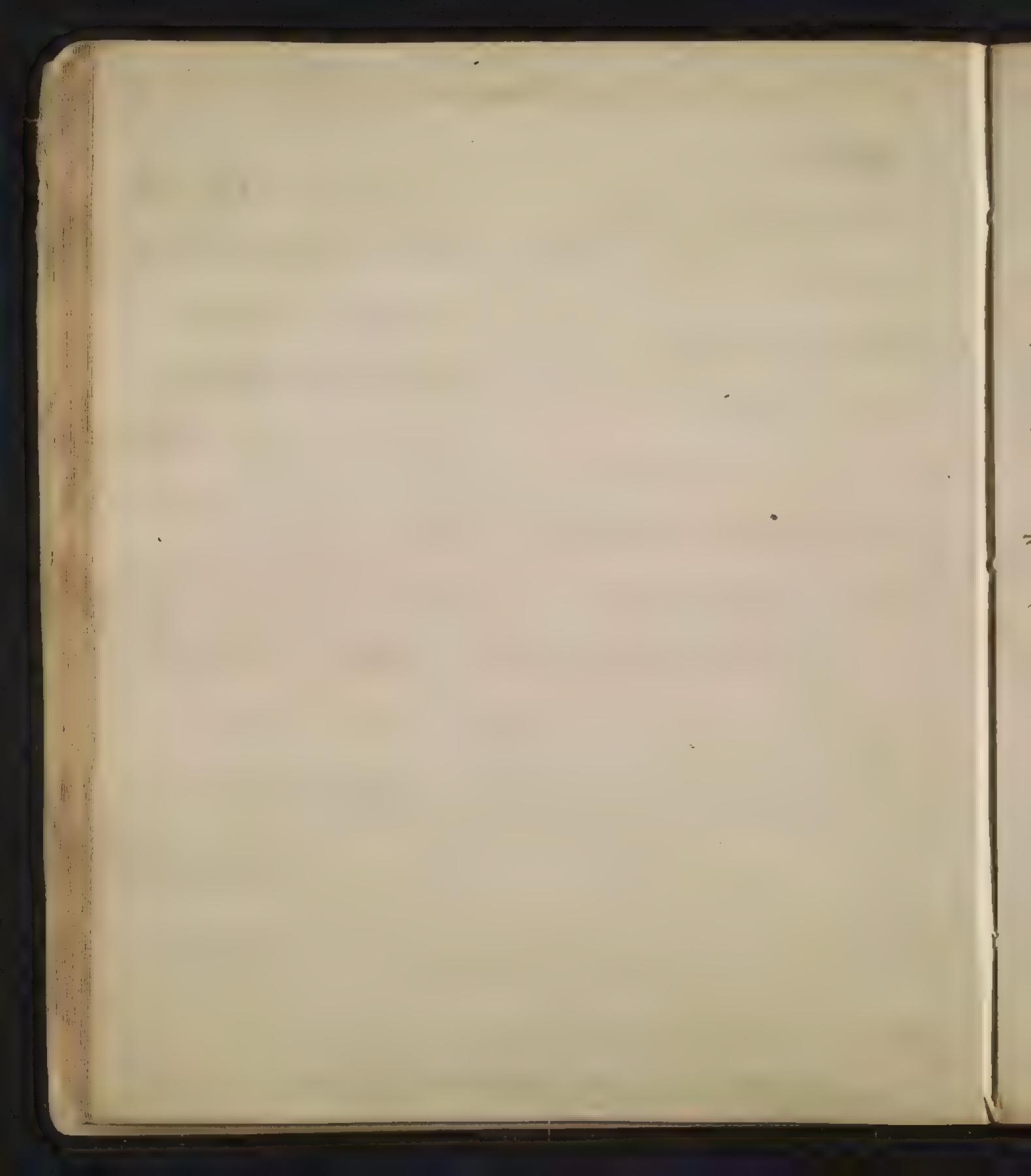
Châdy of a deporture family manie,

all his Children took the discare
at 16 4 died. Her husband then
took it died, & finally the disorder

apopeared in herself - of which

the died.

Store case us matted hair in the case of the Botes. But how thall we account for the long duration of this Colon of the thin This so many generations & were ages. I amount ? That the Lymony is the most durable discuse in its descent to posterity, & the most indestrue - tible in its mature of any discuse here are augmanited with. It freland Froil says it often disappram in two. - and up pears in the 4: genera. 2 from - But 2 ms more happens here them what happens to many questions who are distinguished by a premished by figure of any part



of the body. The anisot Sevetch presple who inhabit the Thighland, have the dame Geter Colomes hair Withe same high Chech boves which are nowiled to this kneed tors by Touther with Granion of Britain. The Even thetrimon in the throat in the Cretins who wisher. - bit the also are transmitted from father to for this a long truespion of generations. Snadmels & consumption in him encurer are hereditary in many families and of which ountry parts of the body much more liable to thange by surespice June sations than the pain. Thomboid for in more thruld it be daid that the Enfestions quality exists

We But it is infectious - white from become become rank col? after suping long with black men, more especially if they have Children by them. Of this I have heard of two instances, the Im in Pennsyl. -

in this color of the thinan negroes, & andwarthat this is the case with the Disease at present in Many parts
of the horld hat waret us women. mication by contact. I Thruld it be said that the organio are as healthy I long tived as Ither prople - I answer - that an no break discusses of the Thir affect his the general health of the body, or the duration of human life. Dotherry says that the State was very common in asterial speaks with hospire of the longwity it. In the vignor who are now in this of country, pushaps it w:

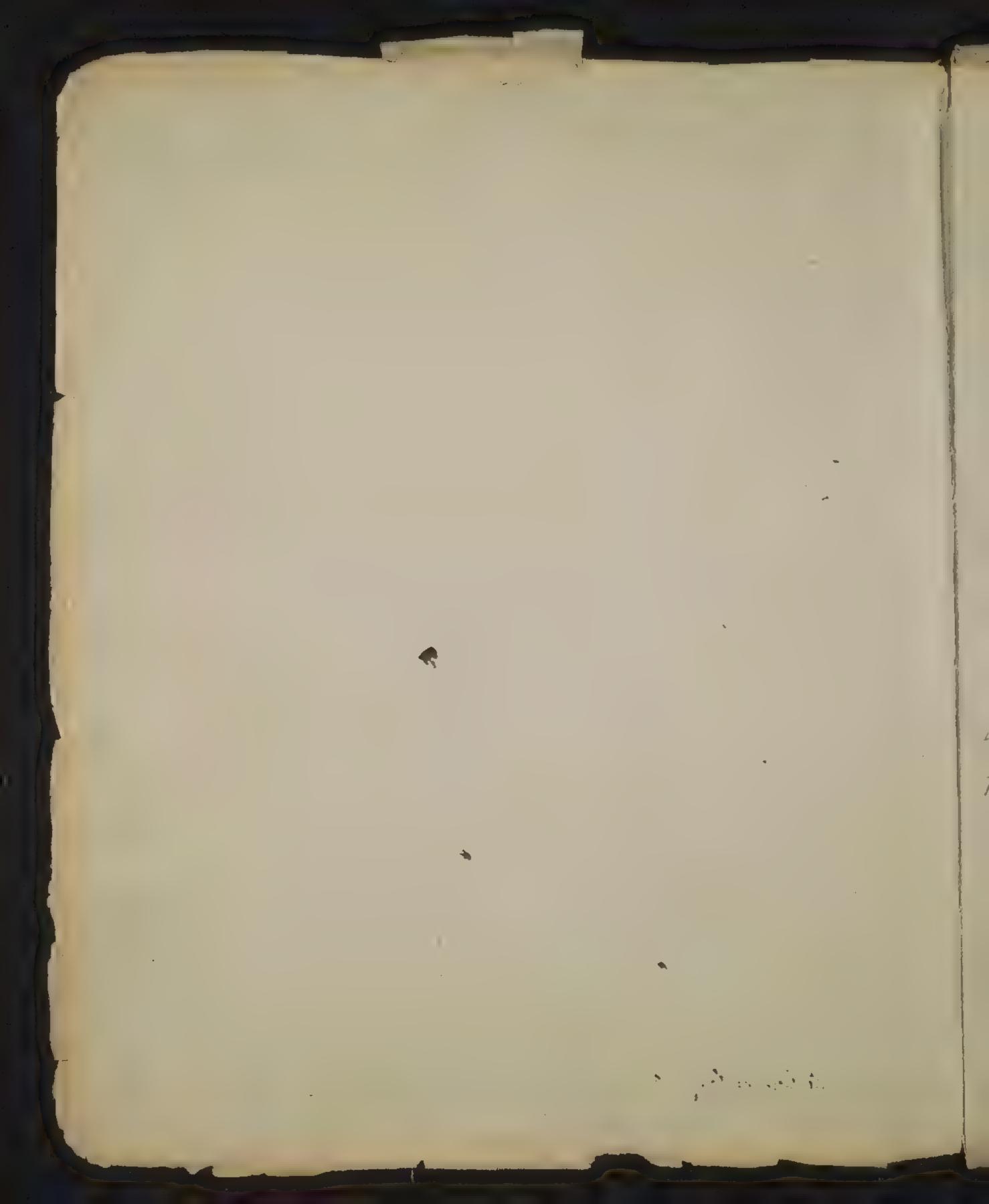
It The Polor in the negroes is reated in the Reti mucosum.

be proper ruther to consider the bluck Color as an effect of an evanueunt disorder. The instence of a bolitary lymp. tom of a disease after the chouse is cresed is no uncommon thing in the a Mark Color often continues many Days on the trugue after the Crese of a biliones ferrer, & the red mushs often appear our the thin many months after the seconery from the mall port. The therry I have endeavoured to establish leads to two very national reflexions. I That all the claims of enjouristy of the whites over the blacks on leve of their lover are found in ignorance & intrumenty. H

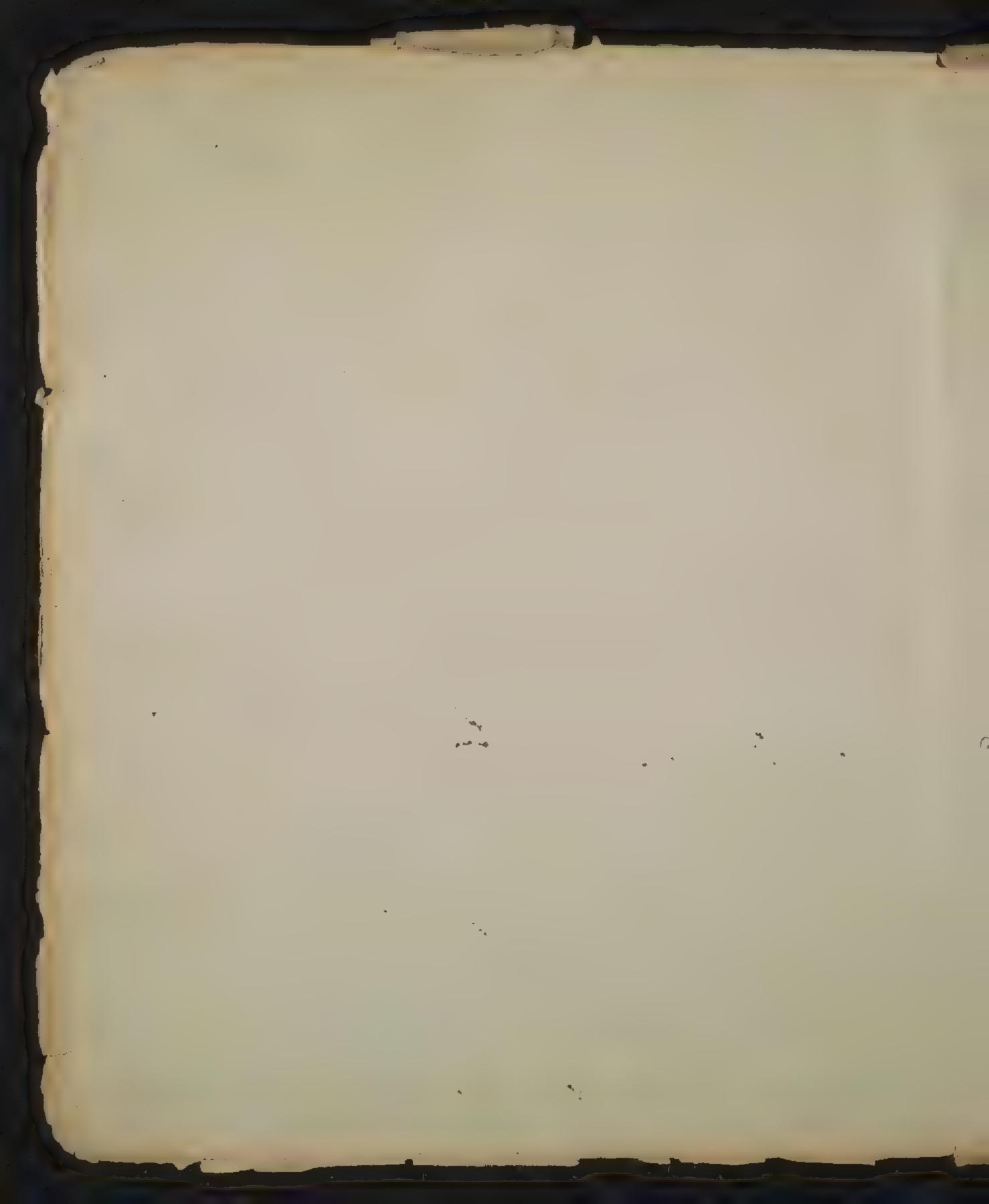
egnality of mankind. 3 of the black Color of the negroes a disease, and are all diseases constille? - then let humanity & frience combine this strongest efforts, & endeavour to chocover a remedy for it. nature has lastely imported a barrows upon this Subject. I invited no to hugans Standard the has proformed several Sportaneous Circo of this diseases of the Shin in sensal blush poopste in this Country. In a certain Henry Anofo who lately travelled this this city, and was "shibited as a flow for Anony, the line was meanly com. -plett, The Change from black

the color of the negross be the effect of a disease instead of inviting us to typan mire over them, it shoreld intitlethem to a double postion of our humanity, for discure all over the world has ale averys heen considered as the Signal of tompsapion. 2 If the thirty I have delivered thoused being upo lines up the mentalty of huping upo that de prijerice organiset a sometime much connections with them as would two to infect frosterity with any portion of this chisorder. It This may be done upour the principle of house mentioned without offering any violence to humanity, or colling in prestron the original descent and wateral

5-21. to a natural white flish color begans about Eryeans ago at the ends of his Jungers, and has estended gradually over the greatest parts of his bridge. The froot the which former by proforated The Cuticle in this man has been Changed into hair. - In Change in the dit, driver, drep, employments on ht nation of this man, had tuhen Tolan governously to this Change in his flair. - But this fact closes not artificial anistrate against attempts to distrate the Color in hypors, any more than! : Star of many other discussio initiate against the Else)



522 of emdrine in the prastice of Physic. To direct ingraniand expensive to upour this Julijut, I shall throw out The following facts. first from the other in these, slaves finet on which there was most prupone from Alo a thing, or attrition from
the trink of body, & thigh, and
on his
myers. The distruction of the black Color was mobile bly occasioned by the coloning matter of absorption of the rete mucosums, or pushaps by the sete mucosum itself, bor prepare it is well known aide the absorbing of the Lymphatics in every



part of the body. It is from the latter as comme, that the palmo of the trans. of myro women who stend spend this liters of art a wash trip are yoursally as fair as the palmo of the hunds in laborning white prople. 2 Depletion and midnet Whether by bdi-pring, or lebstrience has a certain effect in lipning the black Color in 2 2500 m of alteration med it wo a completion of inside alteration and the of the of a more temporary nature has often hun blowned in negroes from the influence of fear. 4. Dr. Bellions tells no that he has discharged the Color in the black

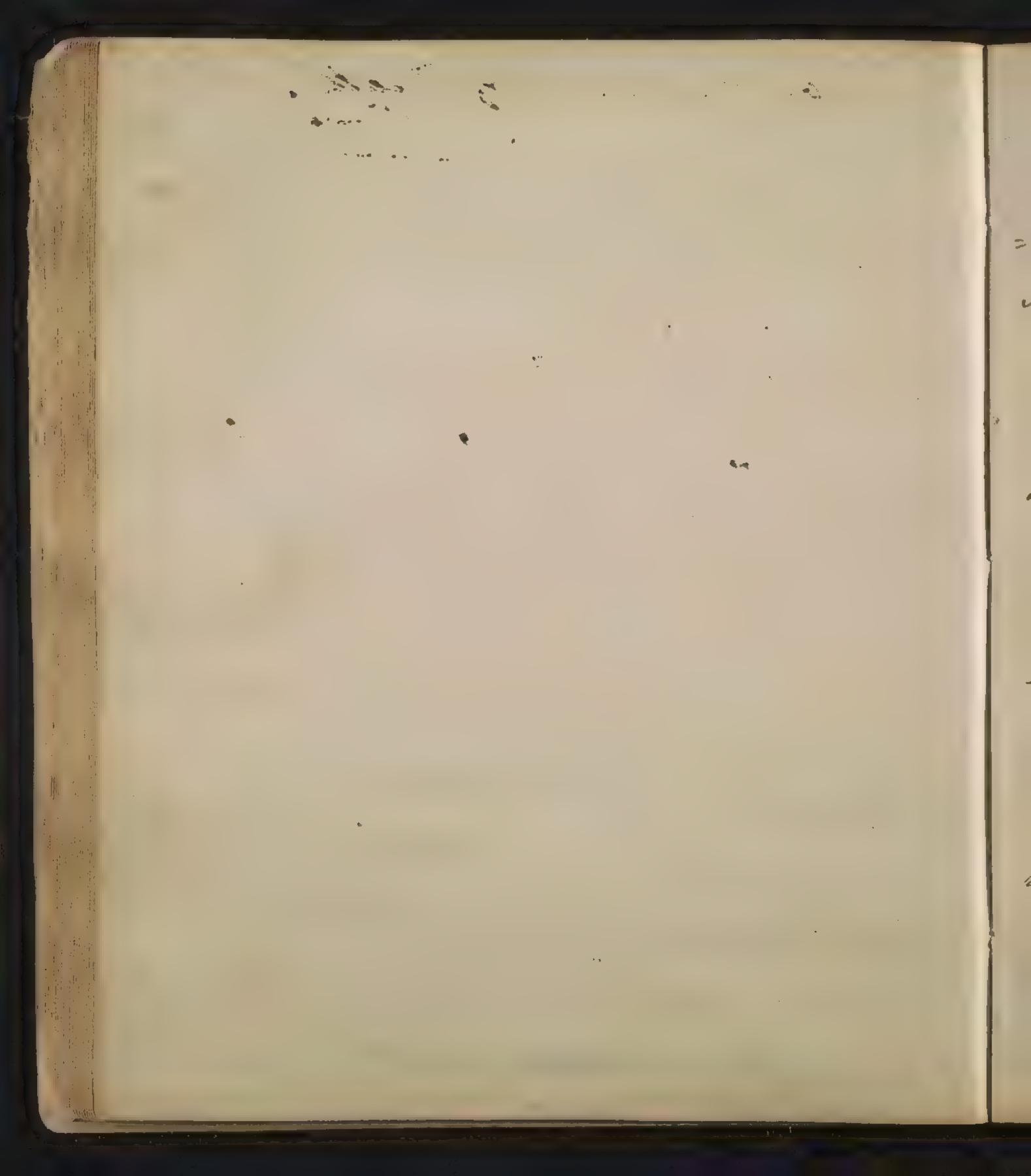
I'm them produce a large portion of happimuys in the world. We shall I distroy One of the arguments in favor of the Come inclining the negross, for this Color has been supposed toy the ignorant to manh them as Aljets of discourse promets of discourse from the judgements, of heaven, It by the harried to greatify them from con. - stant labor in hot & invaloreme Climates. 2 her shall and greatly to y. - lind to be satisfied with this Colors there are many proofs of this preferring that of the white propole. 3 har Shall runder the bubil of the whole human sace lowing desembed

5-24 bool of negroes by infusing it in Designatio musi atro arid, & lepned it in by the same means in the hand ofa negroman. see & awhirs, fact p:120 5 a critism of this Thom a critism. of Philled a ryson whose Unacity of have profeet seliance apared me that trehas one seen the Skin of the Side of the thick inchining to the Chin, and of that part of the hand in a negroboy changed in the sure of ungripe peaches misse of which he was very fond of eating) fulling & nothing frequently upom those pasts of the body. no ensumage uttempts to cure this disease of the him in negroto, let us recollect that we shall by succeeding

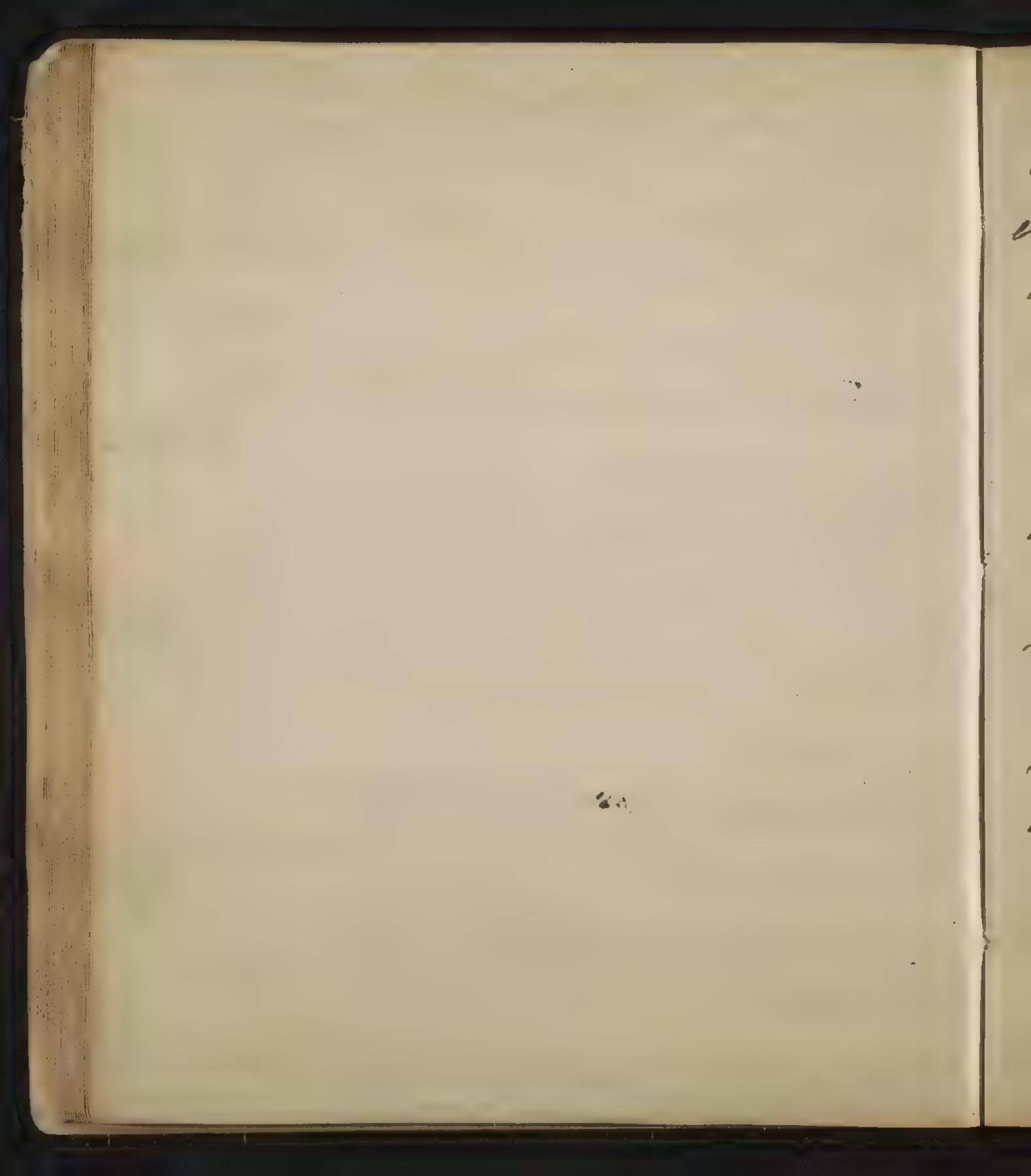
universal, and thereby not only add wight to the Christian remelation, but remove a material obstacle to the exerrise of its that down bridget. inviveral linevolines which is in - culcated by it. · 10 1

V Thomas Old age is the effect of such a duay of on loss of the Jensibility de contractility of the body, us to sender it incapable of emittines ruining ofprogragating The motions of life. This buch is the Charge in this respect indued on the Solis, that they some of them Verz: the arteries are downetimes con. : verted into bone. Seritement be exit! are both exhausted in ald age, and death from old age is nothing but a general palsy. I said formerly it began frist in the Eyes, & Sprineter of the Cladder.

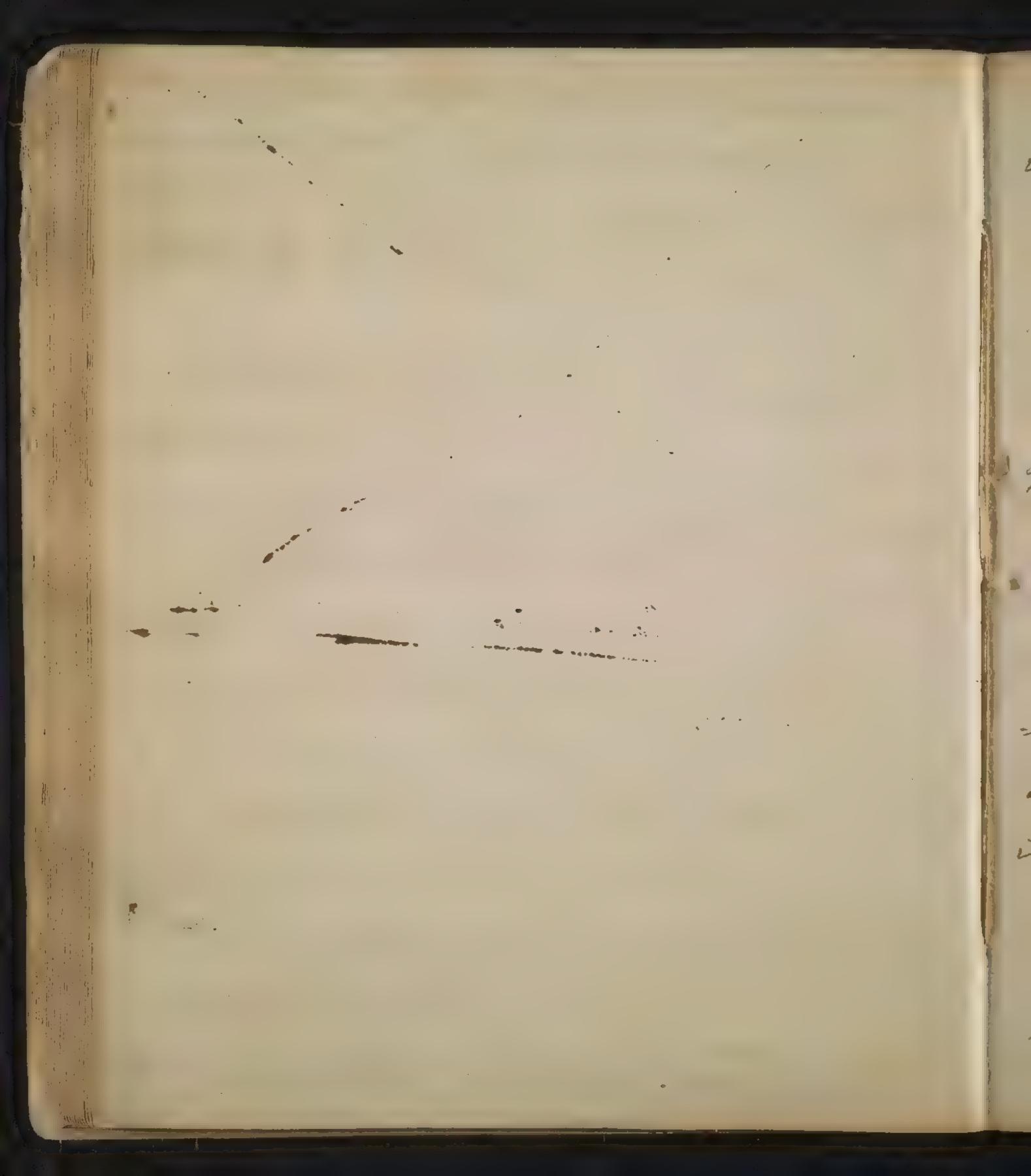
Charlety of man faired Listory of ell the proximate course of all that are in our lyllabres, I wont mable but our time, seing expired, I wont mable to enter upon them. I have kept back to one principles from you - and if These have been well understood, they will mable with the helps of books to account for the all the Viscones that are amilted in our lectures. I shotted Tot the hims of Biscasco I spoke fully in the prognoss of fevers I shall only state for age Douth. lifterwards, thou with an her of the provident of they to her 12.



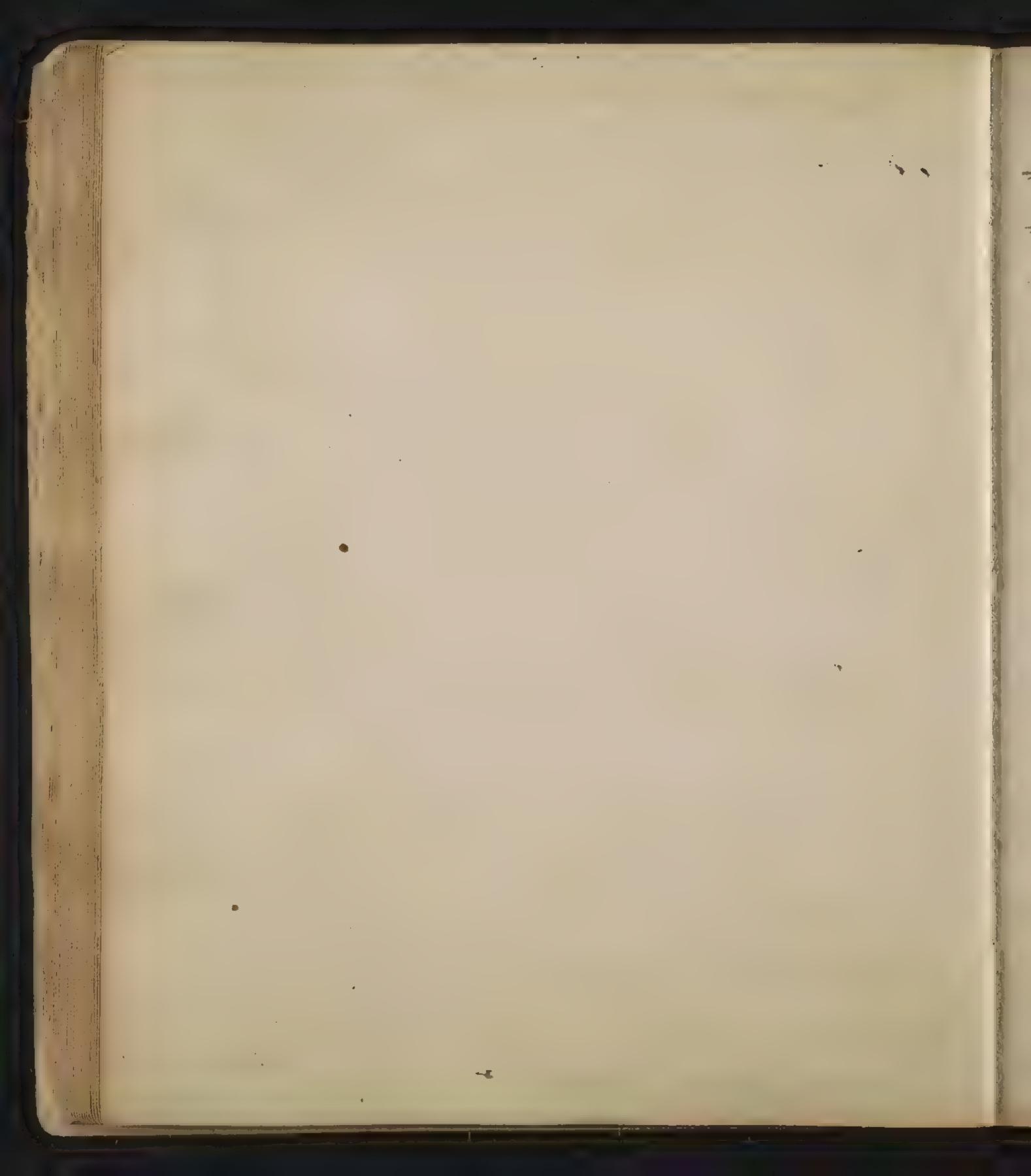
be have spent to manter in inquir = ring into the history of the body in its healthy & morbid states - with a ringle vien to cure its diseases, and thereby the the But in sprite of all that over Science or let can do, we are still unable to assect the ranages of this great destroyer, in Infancy - Shitshood - youth - and middle life. It is true - we have been able to limit the number of his longues to man the discovery It use of many valuable remedies - und I look form and with hopeward pleasure to. the time when The more improved states of sience,



reasond religion, shall either present or evere all the Diseases which now elnde over thill, and thirdly sender death from old age the only brittet of human life. Hour first inquiry upour this pelijut Hall be - what is the piral Cause of death? - why has it been made neighny for our bidies to undugo a difsolutional mingle again with its present earth? - It belongs to the Divines to apign moral reasons for this cutastropshe of of our bodies. It shall only uprigna matural reason for it, It wood from that our bodies derived from the fall of man the luds of all the disorders which now dishelp it. They assumble

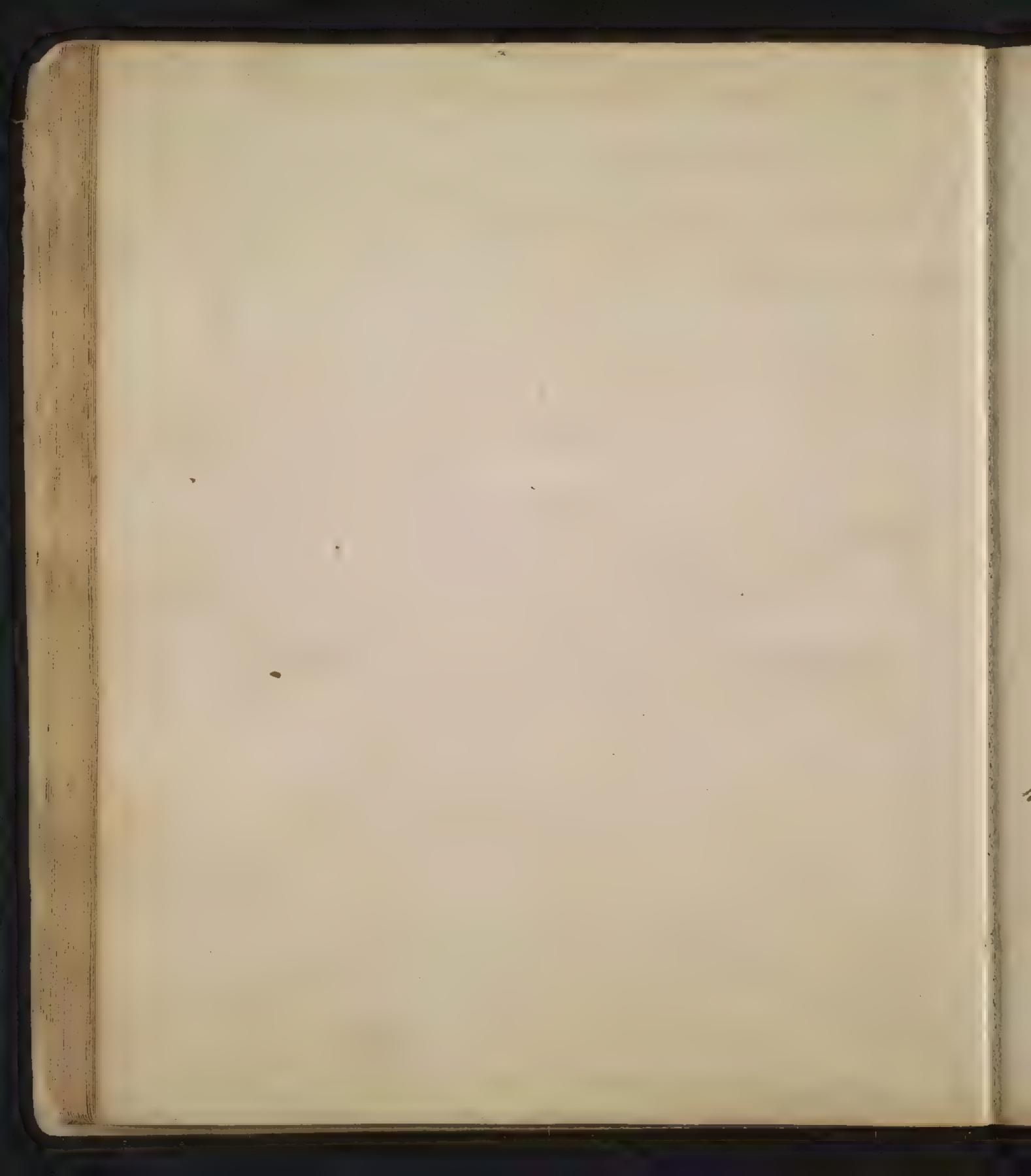


toutene an old and toltering house which summet be made timable fly any repairs. He divine Architect Jude a wise builder, taken it down attagether into to order to refine & purity its materials, and afternands to alberto it in a new and more drughtele form. Let us us ment therefork deplore the death of our bodies. hum this went timble as it appears is the offert of divine wisdoms Doordnets. dife & some said with my the ting breather, is the effect of Stimuli setting upon sninnal matter. Death is therefore nothing but a Change indust on the body to prevent this by disease or old age, as to prevent this matter unitting the motions of life. no more happens to the body by death than auppens to a Wiolin



when its Strings are too much relax - ed - or stretched - or broken. This de-- Itruction of the capacity of the lordy to emit life by diseass is produced ily the abstraction of the Strineli which support it, particularly of food by Gamine, It of blood by hamonhages. This no more happens here than water our of the bone of a Violin, distribute the further enripsion of found.

Death is produced force of thinnels of all hinds. In more huppens here y: sems from too much mepuse on the Strings of a wishing merenting themispion of a musical note, or formits strings being overstretated. 3-By the men too much relaxation. - no more occurs here than occurs in the extriction of Janua by the total



selexation of the Strings of the Froten. h-By an error in the place of certain Shird or 20 tid frants of the body. Or more occurs here strate would seem Journ fring the Strings of the Violin on the broy of the without the hopport of the bridges which raise it an inch from that body. 5- By continon of certain vitites Shrinds upon parts of the brity which unit most fourthy the motions of life. no more happens here, that what is Involved by fixing a peine Strings of a free in a freie of Way. 6 By hounds & the Lother of John parts of the living. One more leccions here than when the confiion

The Convuloums & pretermatural death, are the patrice of the united action of the upon partial existability V he short - Lappens to the body from the destruction of its costsistency & coheren than happens to a Loud ftone which when broken to prices ceases to propels the The dipoletion of the body by death is generally accounts anied by

of Journed is prevented from a Violing by cutting its flrings.

Alastly heath is produced an opification

J. By rigidity and ever an opification of the bolids. Death from old afternions from this Carrol. - The Solids refuse to you to the imprepions of thinks from within & from without. no more happens here that would happen, if a blick or a pene tem were pland in the soon of Cat gent upon the body of the Violin. Death then Junt is wasthing but on in white or in copacity of animal matter to receive, and presence the motions of life. Live then ine quit the human pale-

pain, but there many exceptions to this remark. This I took notice of it formerly and added that I believed death often come on with pleasurable pensations. The nature of a diesease has a great influence upon Death from Discares of the bairs of dying. Discares of the enough bowels is free preshaps the most pain. -ful than for when it is realled in any Other part of the body. The margins of minibean who died of an inflam. in his bowels declared that he "felt in a moment the pangs of a thursand a disease in the below the bast of of all tinding by pretrephetron to a mistyre the with its native on the are soon to probably to meet again - in the exect relation we motain to each other upon the Hats we now accepy in this room. - not 20 - the particles of matter which comprose our bodies. after lying in the Arane till the Leeds of weatheres and discare, are totally desting, eravicated from them, they shall again be united, and many particle which comproses them shall accupy its former place in a new and a some durable somme ly Enumerous in the works of mature

in the engo & liver. Jehall hercafter inthe Programs of fewer describe the Symptoms of death, & Shall mention the means of beforing or distroying its pains attogether - for this is appart of a Course of lectures the on practice of physice. It has his - therto been too much meglested, from a mistaken Edea that the busines of a Mhysician is only to une Discareo. His brusinas is to lepen burnian misery in all the forms in which it all ashs the body of muri : ... Is hade only and here that Death from till tope is attended with no pain ! It is

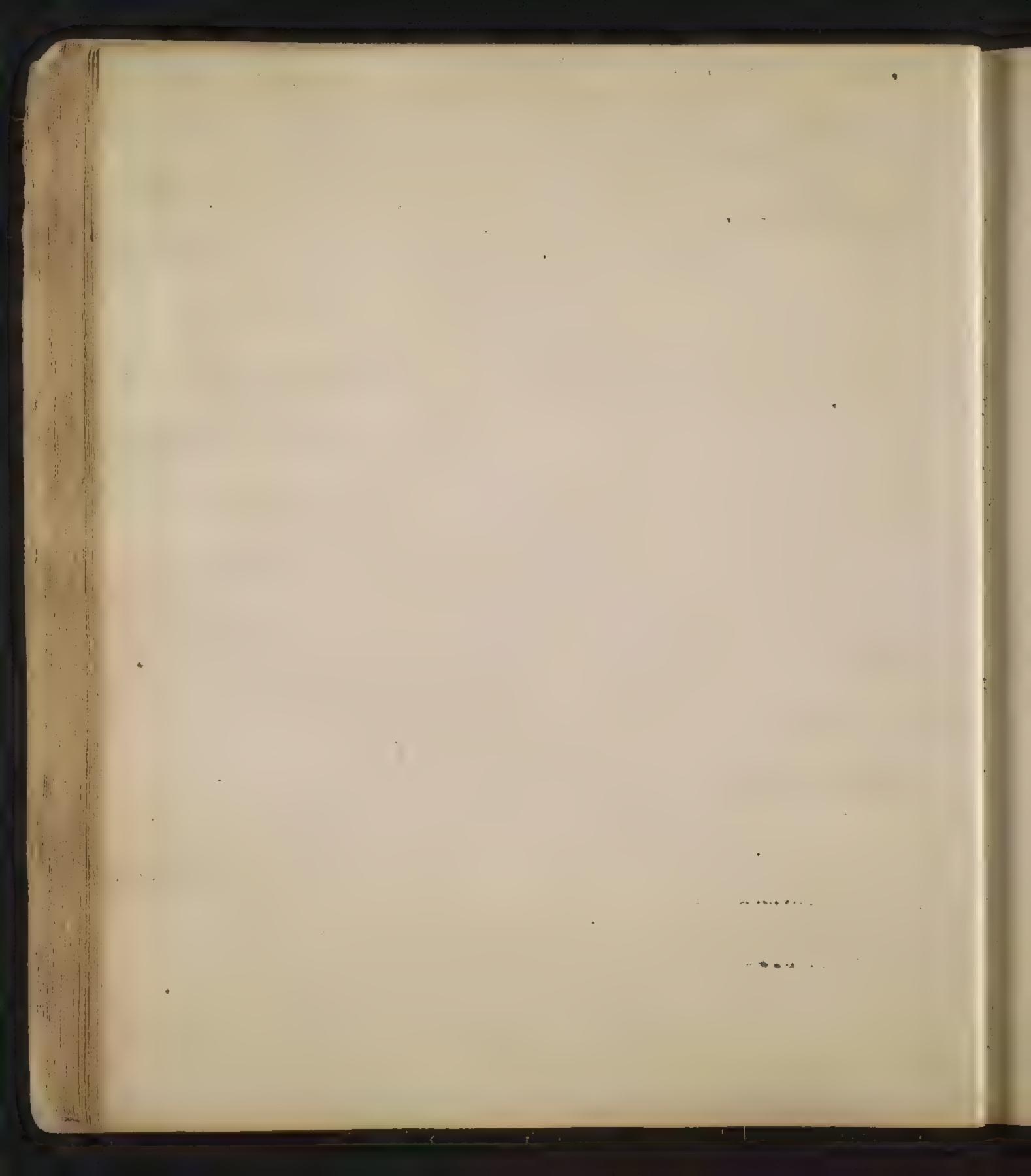
I art, that to a candid plantosopher it would not fare been kunned hithing incredible that god thruld vaisethe dead, - were the reselation had been Dilent upon the Subject. To a Christian The prospect of the reconnection of the body is calculated to buyet banishopen of the stampest failless of fries hope and Lato sheriolo dospre, and to surprost the the best comfort in affliction bedily of-= Hiction - But to the Posicion of a Maysician this prospect of a future reasonation of the body waster of to effect dentities a Imple portion of least pleasure the winter the comfort of a leaholds a patient worth from his hands by discuse and death. He considers the triumphosof death as transitory, and the he books

" comes on with the gentlemes of Shep. In a more virigonored that of man kind, death for hele wis predicted in the periptures, doubte from old ge will be universal, and of course the pains which now attend at will be unshnown. The Signs of death - nout Sold, ar cepation who were buttefreof Inelse - wastely long continued approximately long continued approximately from - but a long continued approximately of all thou Signs persons L. Haller - De esperially butrefaction.

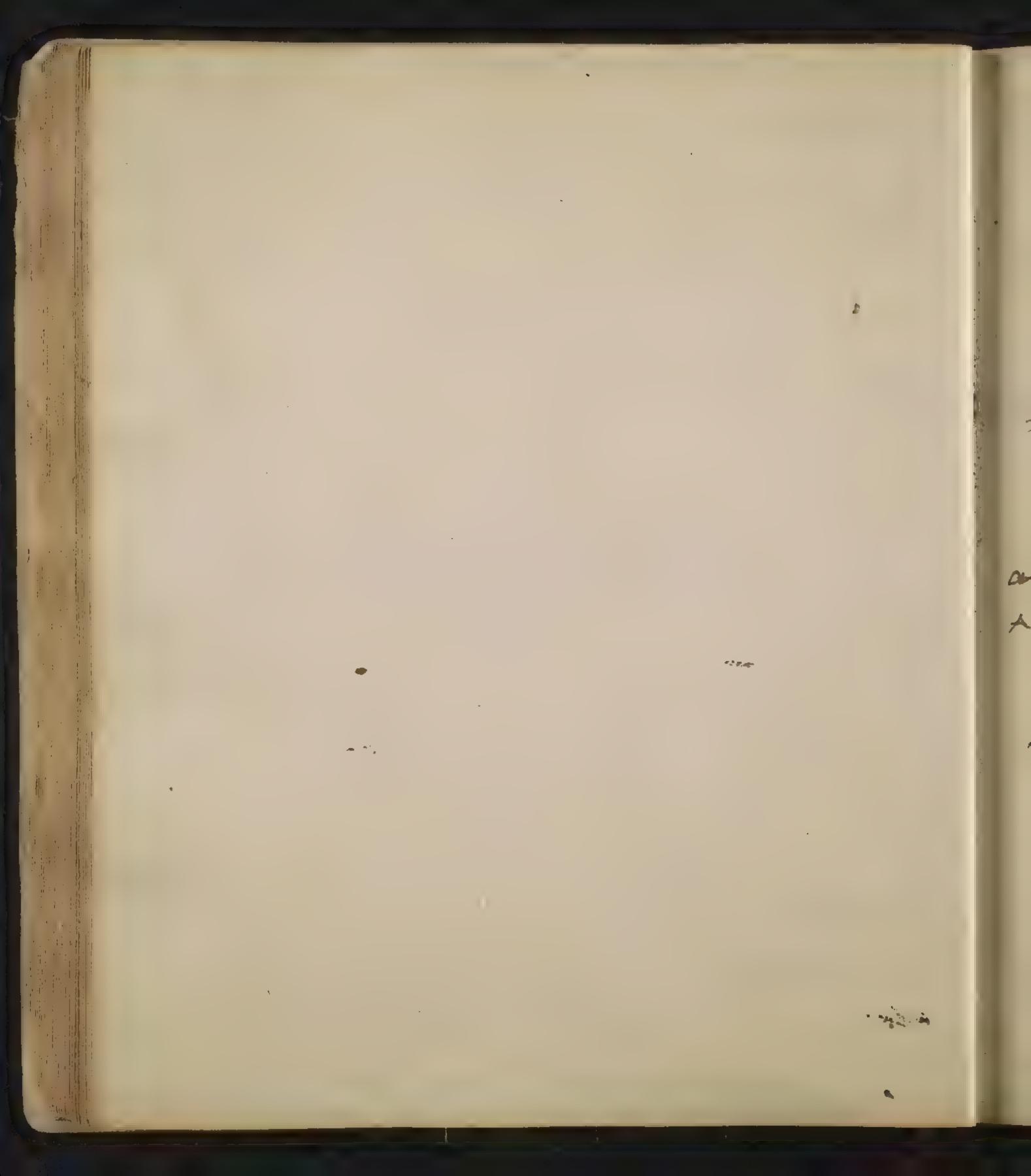
I wan and to the jumpfiel morning of the resummetion broken his superto patients and fellow citizens, from the Heefs of death, these was afterwards. not of the ftring of receiving, and retaring the ftring of life. Divith this me close our letteres for the present year. Augst of my Stakules for the attention with wi you have howevered them. There undy to Excuse their defricances, &20 ascriber them to the most of the difficulty of my hely uts. I dance Beaming the new principles by matrie I have daught your with leverity & candon, tand if hour twen writerhen in any this of my enout

Before I combade in such of the server to take a fried leave of the University, not to Juffer the timber proutical duties of your mosepion to interfere with the Stridy of medicine. a Physician who gives oner reading when he enters into practice, with aften in less wise at 50, thun at 25: It-is in consequence of having blowned how much Practitioners of Physic are disposed to lay aside their works, that I have down times proposed that Degrees in medicine should be given only that they should be for a limited time, and that a thought in the stand of t provided it appreased, that the Candidate had lost no part of the monte driving that period which entitled him to his first clegree.

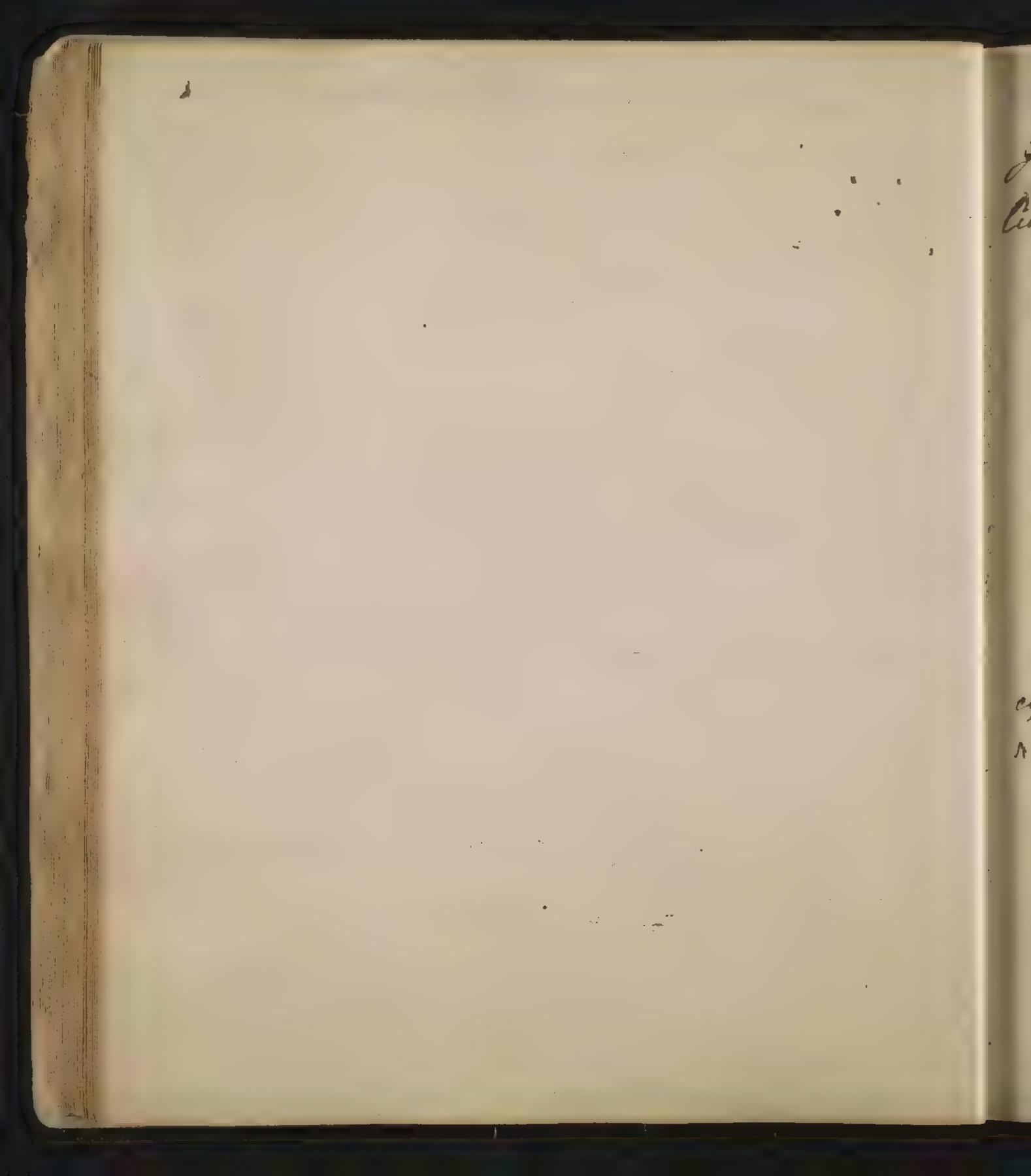
I regret shat the previous difficulties of my fortefromship, and my profesional ingusements have desprived me of the pleasure of a more frequent private in terevisse with you During the Winter. - Sam sure that I should have quined Leste entertainment & instruction fromit. I beg you would womand my deribles at all times. with a heart overflowing with best wishes for your prosperity, I bid you am alletionate handwell.



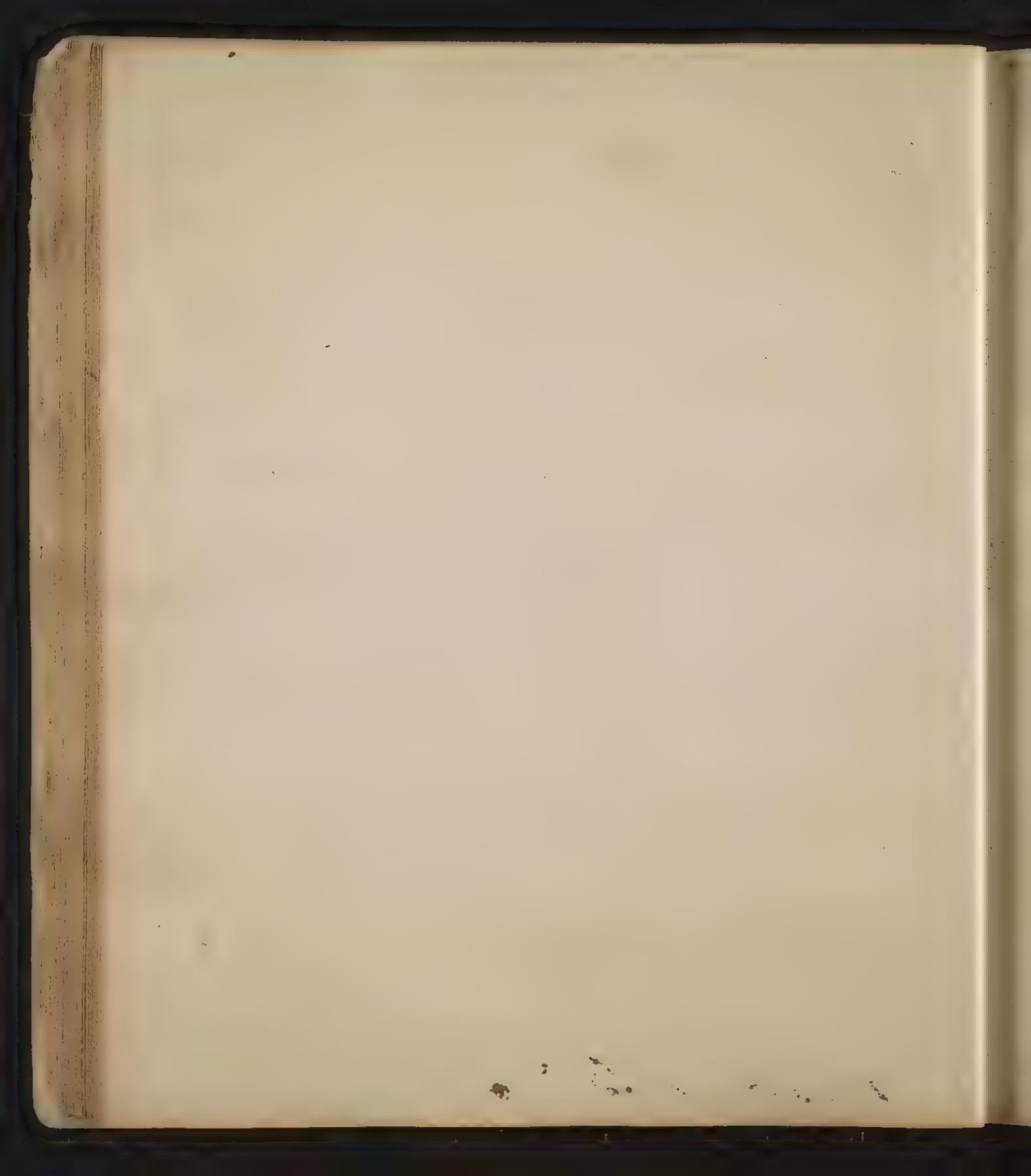
However unpopular they may be in this eity, in hearing that they have been adop. to in donal of the brest proriablands, and in Some parts of Great Britain Agennary. Et will be no Objection to their with Jeglillemen who know human raffine to Observe that They are opposed and approved, for sefected by say Buthren in this pairiples aity of the Creterion they pople and his of their being true, and that is, they had to a more distrible, a work durante de man son de les than any that has begun proposed. who oppose them, have been



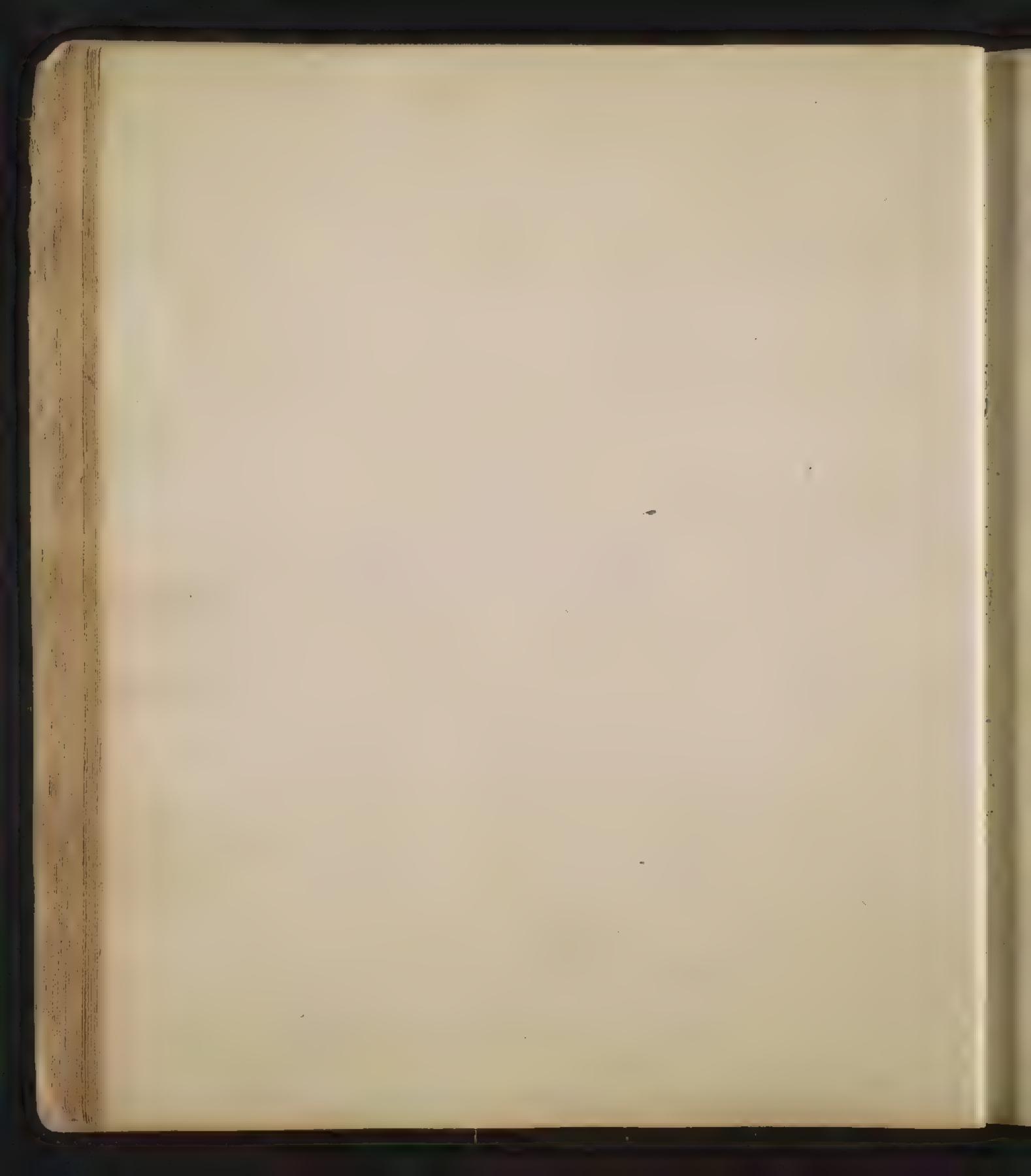
Juned to achieve hoge that the touth of this remark - but they influence to lepen the apountion of it, in favor of me 'minciples, by aparting, that by a dtrangedis. tribution of chiseases in omity by brighing only, fall to my those, while * the distinct and in un able dis. -cases all fall to the those of have seen frammy - yellow fines, ypilysy - Dropssy, and Contresion of also the most obstinate cases of interm buys all comes completely i or meanly cured by Remidies, which have



Jule have you been tanget in my Cutines of the corruptions of the modern governmente have rendered the opinion have become universal, that revolutions are newly I inevitable, so the ignorance, coost, brand, and importure dimpudence which forevail every where in medicine, landy call with equal equally necessary & inevitable of Physic. and would by in the hands of a few men commenced in this city. The billars of anient prejudice have been shake, but whether the great fatine of error & falsehord shall be overturned,



and a simple republican terrysle be be exceted in its room, depends wholly now the formiciples be goractice which have been taught have, being adopted and deepo's orted in Other points of the United tates. There they must languish, for a while for reasons that are too sloviour to be mentioned !-La enconrage us to pessevere in this enterprise of humanity, industry & candor in acquiring, Ha Law Communicating knowledge, will supply the place of splended Augs reme Bling



providence generally washed the of week the wood they winterments blessings to mantrind, frequently makes use of the treahest, and most univerthy instruments for that purpose, in order that the gratitude of praise for these bleprings may be wholly his own. opposite side. _

V Under this gent: I shall introduce not only an explanation of the course of the figure of chiseases, but make duch inferences up from them upon the instable if we of a disease in life or death of the mognosis in diseases blown ations. a Physician. It was crefot into medicine when the profession of a the Priest, & the Physician were united together The

of the highs of Discerse _ It I as they appear in partial debility, direct & indirect. I need hardly name these figures of debility. They are in inability to performe Ha motion. I exclude pain in motion or exercise from debility, for pain is always the effect of worbid excitement. The figno of debility ashether direct or indirect one so exactly the same, that they can amby be distinguished its causes - and the habits it attachs. when these in como lances are attended to there will be no danger

V Hy poster tobs is by no me ans the fign of danger. The see it in the beginning of more chiseases in which the System is strongly impregnated with exitability. It is sometimes attended with danger in the close of n diseases. many propple die of debilitz, or after the removal of the disease with created it. It is of consequence to know this, in order to prevent cleath by obvicting it.

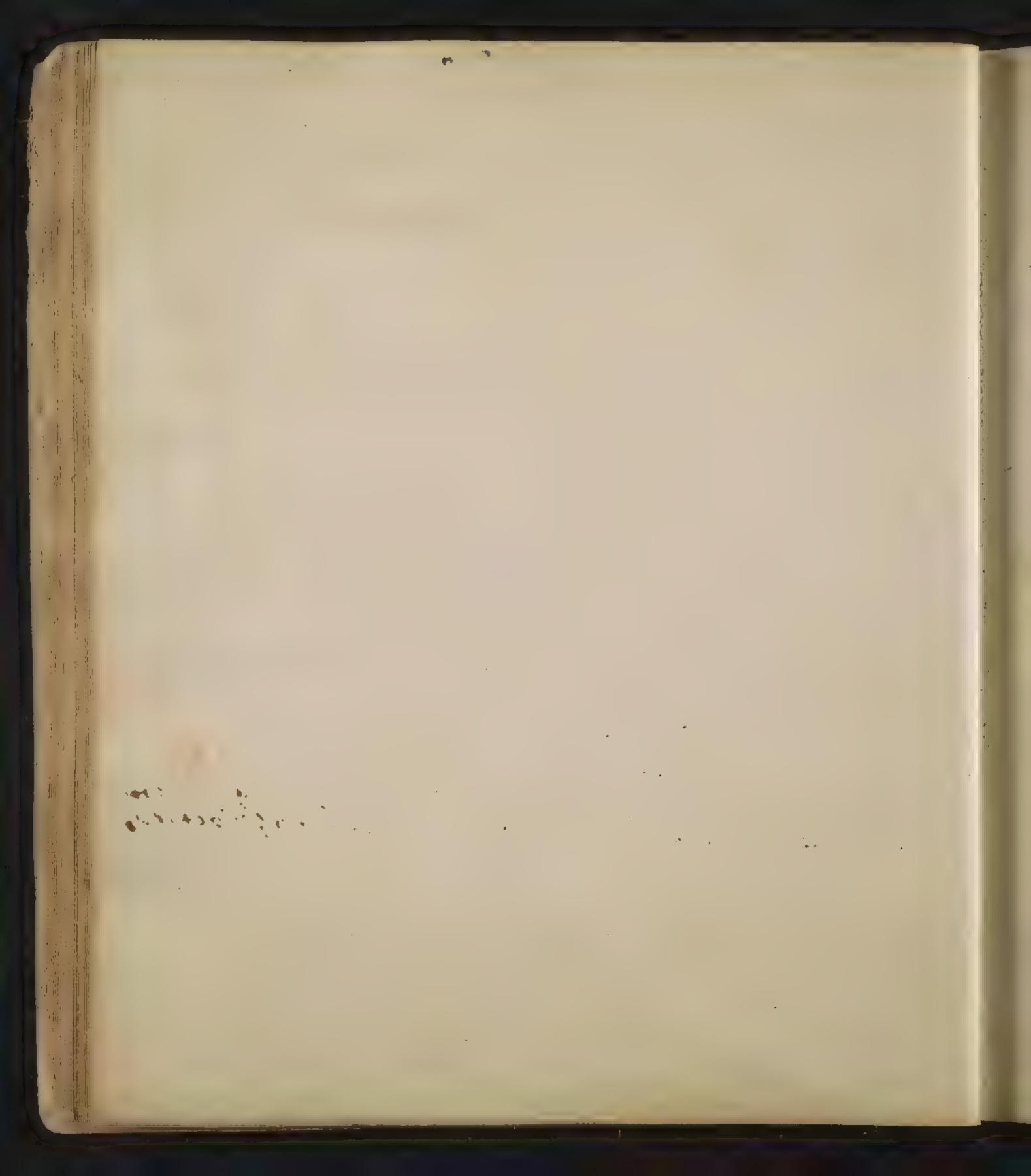
Having spoken of the sounce tron of
the pulse to the articles of how of the feets of
Discours in them, I so on -de

of mistaking Them. The debitity is partial in most cases affecting some Done of the lystems more than Unother. The morbid exitiment shows generally gollows in that hystern only which hasbeen were were the seem all the Johns have been delibertated, more bid action to her place in thousand, part of themes application of existing Energes to them. Dumember always 2 % the ligns of diseases in the The blood leefocts and the primum

much in point of whility or importable on in

minary

frameny the body. It is highly proper



therefore to seek for the signs of health part of the body. The pulse is to the blood sofredo not only, indicatos the State of the blood respects, but from their intimate (onne from of with all the other hysterns, it indicates more on lep all its morbid affections. In Short, the pulse is to the body what the dial plate & hands are to a watch.

It tells is all that is going forward in the body. This the above all other ligares, they resource of digences, they resource have often been distinguished by their predilection to particular Syprostome in which Strey judge of the State of the hystern.

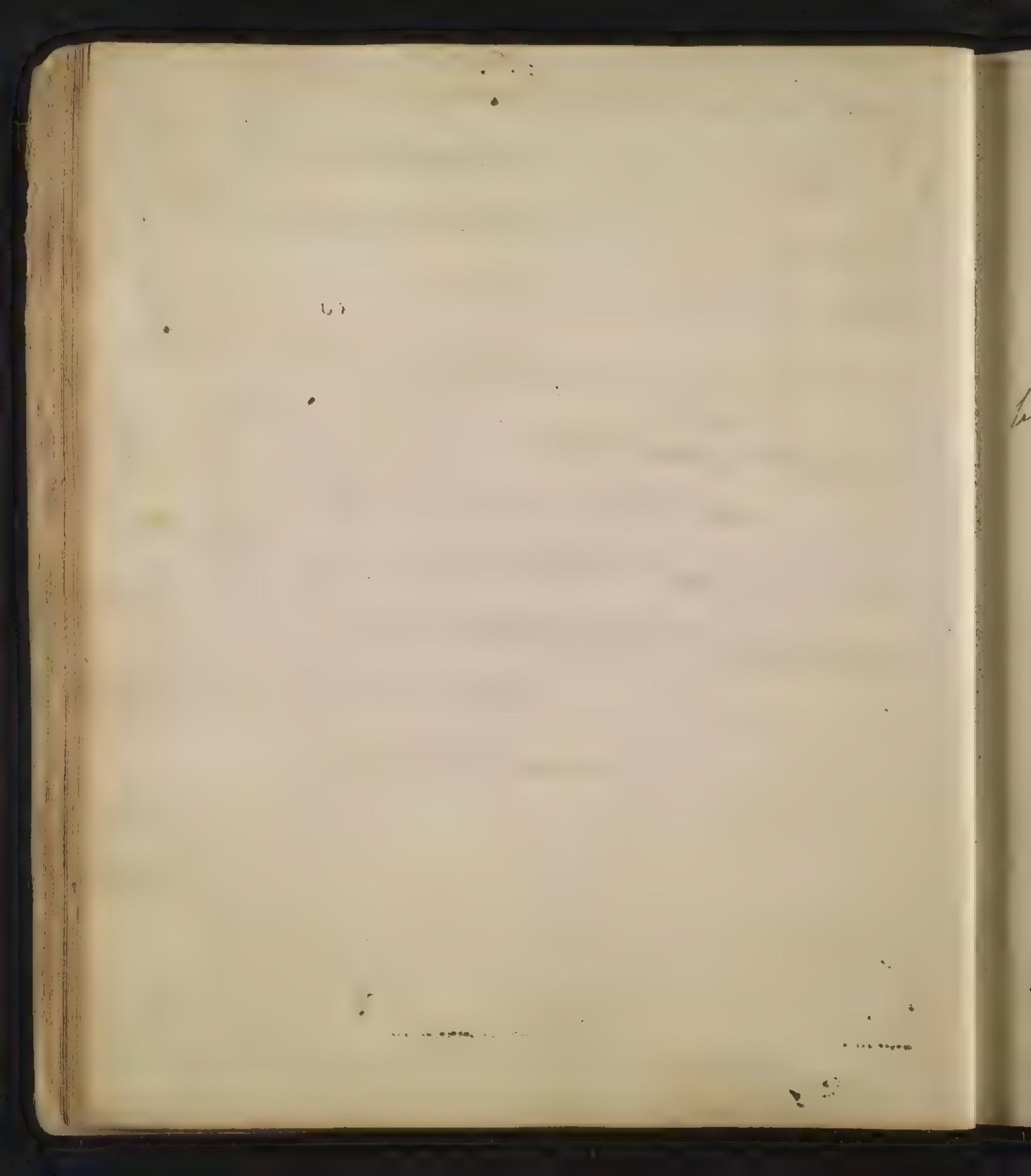
the our introductory lectures generate? the difficulty of relying upon any one of them. [reseat them] V It is Immewhat Inspring that Stippoerates & Celous knew and say to little about it. Jahn was the frist Physiciant armong the ancients who attended to it.

There have been the there are for Lower have chosen the House Joune the respiration, some the constunance & some the exerctions of Unive, feeces Ushweat. min my Sword of marties where of these ligno, but it fixes with its primises al attention upon the pulse . may

pusile therefore I hope time the will be known every where by their knowledge & predilection 4 the puble in forming a judgement of disesses. The In Coursidering this July wit I shall I men tion the facts which belong the history of the pulse in its natural State 2 & shall mention

V The pulsations in This natural state egnal intervals - soft fopen drigosoms, and free from a dense of resistance.

all its working states and 3 Deliver a from dipertions for the best manner of discovering these States by the fringers. I - The notional State of the pulse in Jonat people in provid of fuguency in middle latitudes in about between 60 and 80. Its medium is 66. -Hotors But the following lis comoting begunney, mother to 1 age " It is from 130 to 140 on The day of the birth of a Child. During its first year it is from 108 to 120. During the 2nd from go to 188. Du. = ning the 3. Dear from 80 to 108.



It continues at 80 to 108 during the his Hot years of its fife. In the Tyear it falls to 72. at, and after 12 it is the same as in Adults which is from 45 to 50 it is saily from 45 to 50 it is saily below 78 according to Hallet intermitting. This - comes slow, and intermitting. This is 20 much the Case that a pulse perfeitty regular in a very stoman is a lign of a disease. The flowners in some cases, discende to 42.30 I erem 26 in some Old propple, according to De Heberden. I fex influences the fuguency of the pueble - It is a hours gricher in women. 3 Different States of Society, or

+ D'Douxion Lavape a physician lately from Tridid and informad my Enty 24.1807 Last Frances, that the pulses of the Indians on that Island, and on the Constof South arminea, were uniformly tops frequent, than the prebes The former it from 55 to 60 in the letter from 65 to 68 in a minerte. F bee miligines my with The same abult took place in the State of georgia in withing and made by made by made by menty ment upon the pubes of a hornbur of hodiand They were it is true higher the are 60; but less fuguent than the traders who lived among them - and Stitl less frequent than in the by thousing in founding the form on the treaty with the treaty with the form on the forms of the forms of the second of the seco Coloney has Contradicted it in his brien of the land of an ly by war from the pulse of an Tudian Chief only, who has whose hat who how oursianally anning civilized people, de

It is slow in all Jarpees who want to act upon this bonie. Out of the black of the surface of the forms, and experiment of the property of the forms, the made of the forms, the made beat on but to find and in a minute. In one of the person in a minute. In one of the person in whom it was more frequent, had been sitting by a fine, and the Other I found afterwards was the Love of a Frenchman, by an Indian molter & go to 1. opnen Country The inhabitants of the Country whose minds are

V Jt is quicker in a yearn, thinate Than in a timperate & fold Chimate, dit is quiches in new compres in the Wondies than in all inhabitants, and in newly imported, the are in old flaves under equal as white and liver and In Demarary - the inchium thate of the I websie principally between 90 d 200 is 82 fran alt Lettlers 30 - ion a newly amined flave 88 - in an Dollin Vol 11. 15468.

but little & wited by constant busines, news, and Compersation them the inhabeitants of large towns, The pulse have Stowerf, melses than the inhabitants of large cities. I wish these experiments could be extended to dif. Jesent Wations, It stip to all the Diffe. ment seempations of men. It fire influences the fuguerry of the pulse. It is mucher inshort, than in tall men. In very large men it 5. Climate & leason inthume the Juguerry of the pulse! It is slower in a ster cold Climate than a human One. It is stower in winter, than

machishalp web. 14 15 668 - when at hower your frial diet. he this men he days his pulse upons as quich as his own - This I Dane say was truf. I perieired the danne in theyen thing in smeral of the posage historians who lately 1804 visited this city, furt it but as after they had had their Senses acted upon the new Lights of Sounds I Smells of our city of their for several Days, at this law blood before the best with any visional grantity of willing all of the System. This was is the case wis on mor Chymens Taperin. In a Geapusson in whom it was 64 ay block y 6 mil 71 6 pm. In another 52,7 of with 65 m 56 - 6 pm Day Jan in third by of oftween y 6. ma: 72 6 pm Dday. + In this ordinary fraterial State, the fact I believe is uniformly true. I shall gay presently affect the pulse; now as the Understandings of Indians are octom employed giverally in a quiescenter or torpied fruite from the limited permelecter of prhjuts which oursey them It those Intigets only for a that time, it is no from the pulses of civilined people.

everage of heat & cold for all the months of the year to b Different times of the clay influen - ences the frequency of the pulse = fins Lin = It is flowest in the morning - enouses till mid: - day - Is stationary till 2 oflock - when it Descends till 8 oflock, - then it visco a little. It is again in reduced in fleeso; but vises again in frequency tile. two hours before morning, when it again descends

the Tollock - after which hour it is

from V of look - It graduely

at its greatest weakness, at y of look - It graduely rises till twelve or quiday, & this performe the same revolutiones every day. I shall hereafter Tay these Changes in the pube in the night are influenced by a differente in the height in the Air- as discoverable bythe Barowetter. I this bufer onens = po on you

su Chistolyn wel 14 15 668 - when at hower your fried bret. In this man he days his pulse upos as quich as his own, This I dane say was truf. I periein to the danne in the feether thing in smeral of the forage historians who was the 1804 visited this city, but it but as after they had had their Senses acted upon the new Lights delounds I Smells of our city of the for several days, of this withing blood but by a cuits by visional quantity of willing alievent a distance. It thate of the Systeme. This is the case wis for most lymens Experients In a cooperson in whom it was 64 ay block 76 mil 31 6 pm. In another 52.7 of with 65 m. 56 - 6 pm Dog Jan in this by y of but y 6. 2nd: 72 6 10 mm Day. + In this ordinary fratural Stale, the fact I believe is uniformly time. I shall gay presently affect the pulse; now as the Understanding, of Indians are ordann employed generally in a quiencente, or torgind frute from the limited formalier of polyets which oursey there It those Inticats only for a thort time, it is no from the pulses of civilized people.

I Light has a uppet in the war reprove The The publicate wereques and lessons with different degrees of light and darkness. It is great consequent to attend to this fact in judging of a discuse by the flate of the pubse, and in prescribing for Dis was particularly those of a febrile tratine. Light and darbings are both hutful druseful seconding to the late of the hystermin which they are applied. I shall hereafter explain in the body to hunan certain phanouseura ascribed to hunan all nations chiefly to the effects of hight a Durbness ussur it. cording to Dr. Haller, there are 15 strokes bestow be tween the morning & evening 1113: 65- 4 80 In some case there is a demination of frequency at night first the from about in fleep & the from 80 to 40 a below it.

If the form fello to 70 a below it.

B. Different mositions of the leady affect the frequency of the pulse. It is slimest when we lie on our backs - It if grinicher when we sit

to the Thood and dringles affect the pulse. It is gurifined by a full meal " and by distilled l'-firmented . 120 liquoss. It is reduced in its fre:
-growing by fasting.

VID Different profitions of the Arm affects the pulse. It is much reduced in frequency by facing uncoressed, and by the prefoure upon the body upon it in bed, when the patient his on his fide. I sei above 120 laining grichans the soulse from tonding 18 walking at the rate of from willy and town of the four from the from 15 the Brigmany in Shuthers that putse. It is more active than warmen at the as soon as lonception

up, and grifhest when we are in an evet prostrise. The exercised of the Understanding & of certain 12 the all they passions of the mind affect the mulse. The thin ulating pasions

Eg langer encuoses to 104 Thomas in a minute.

go import quichness & force to it. The firsty delin sedative papions as grief, fear ble redrue it in freguency I fonce, provided it be fett before Other it is accelerated by Stirruli acting mon assummentated existab? in how been accumulated by those 2 12 19 maring papions go to 1. muloriting I the belongs to the national history of the pubse to take nother, that in Jours pressons in for health, it is in free termatersally stow I mm (bujpoole

takes place, and This activity is parerensed at the trines in whith the menses ordinapily flow. #

enum in pregnant women as well as others in die ates a Ligh fever at 60, + In the Reno my Clay ton of Liverpool it was at wo - mutil be had advers feren- cues after wi it was between 60 byo. D'hhyt frenköns a proson in whom It was 120 in its spatmal State. In a fewer inthis Jourson it was 180 Leven when com alescentit was 140 when lying a 2/20 When in sitting prosture. I It is fronther preserve a with difficulty very fat propell from fut compressing, or ", burying the angery. (a) : a kind provision of the another of nature! une su entire nal visiones, but intimul sues are concerted from two. si 16 # Elestein and ? in flower the State of. the bulse - as opposing to back to which they are applied, see Borden 2012 por 22. Ill a light of the

Shows read of its total absences 48 & with good healthilly girich I more the artery me commonly fulls, mus above the Radius parallel with the Thinh It is of consequence to know there when there divis ations from waters when they occur in our habitual patients. - Indud a great advantage would fate of every patient we attend in its ordinary thealthy State = It we come next to ip give into the morbis states of the pulse. Jut order and hineth, I In freguefry, and grichnes. By Jaguerry is ineant the number of

This Subject down in frother place; at present I shall only remark that the Lynn, atty with between the pulse & discussed parts is was not with exent spotadisensed, but with the parts contiguous to it. In Influm if I shall for hereafter the morte Circulation is I win than in healthy parts. It were usses attogether in down Cases. The new This has been Observed by a microscope. The everessed aution is a tago, or buy behind the inflamed part, & it is this action which produces corresponding actions in the cadial factory. The absence of it produces what has been called papers Inflaming - It is abunt in all those cases in which but find signs of inflam rapter death, without previous fines, or morlied authors in the puble. Let not the exceptions that have not mentioned to the Unison in the pulsations of the arteries call for Anestion the advantages

